U.S. Army Corps of Engineers

DISTRICT OFFICE: Nashville District

FILE NUMBER: 200401625

	01,12211						
PROJE	CT LOCA	TION	N INFORMATIO	ON:			
Stat	te:	Tenn	essee				
Cou	ınty:	Ham	blen				
Cer	iter coordii	nates o	of site (latitude/lo	ngitud	e):	N36-16-1.15,	W83-19-42.6
App	proximate	size of	f area (parcel) rev	iewed,	including	g uplands:	acres.
Nar	ne of neare	est wa	terway: Holston l	River			
Nar	ne of wate	rshed:	Holston				
HIDIOD	ICTION	I DI		N.T			
			ETERMINATIO			D-4 00/24/20	004
Col	iipieteu:		top determination	11	\boxtimes	Date: 09/24/20	504
		Site v	visit(s)			Date(s):	
Jur	isdictiona	l Dete	rmination (JD):				
	Prelimina	arv JD	- Based on avail	able in	formation.	. there appe	ear to be (or) there appear to be no "waters of the
_	United S	tates"					n the project site. A preliminary JD is not appealable
\boxtimes	Approve	d JD –	- An approved JD) is an a	npealable	action (Refere	nce 33 CFR part 331).
	Check all				T F		
	_						
	There are "navigable waters of the United States" (as defined by 33 CFR part 329 and associated guidance) within						
	the reviewed area. Approximate size of jurisdictional area:						
			waters of the Uni Approximate siz				FR part 328 and associated guidance) within the
	□ There	aro "	fisolated non-nav	viaabla	intra_sta	to waters or we	etlands" within the reviewed area.
	Ппете						y Bird Rule Information Sheet for Determination of No
		_	Jurisdiction.		. 0 5	r (C C) iviigiator	, But the information sheet for Betermination of the
			IONAL DETER				
							s of the United States":
							e tide and/or are presently used, or have been used in
	the past,	or may	y be susceptible f	or use	to transpo	<u>rt</u> interstate or f	foreign commerce.
В.	Waters	lafina	d under 33 CFR	nart 1	28 3(a) as	e "waters of th	e United States":
\boxtimes							sed in the past, or may be susceptible to use in
							ubject to the ebb and flow of the tide.
			ce of interstate wa				
Ħ							streams (including intermittent streams), mudflats,
_							iya lakes, or natural ponds, the use, degradation or
							any such waters (check all that apply):
							lers for recreational or other purposes.
							old in interstate or foreign commerce.
							ndustries in interstate commerce.
			ents of waters oth				
			ce of a tributary to		er identifi	ed in (1) – (4) a	above.
	(6) The p	resenc	ce of territorial se	eas.			
	(7) The p	resen	ce of wetlands ad	jacent ²	to other w	vaters of the US	S, except for those wetlands adjacent to other wetlands

U.S. Army Corps of Engineers

DISTRICT OFFICE: Nashville **FILE NUMBER:** 980000181

"waters of the not appealable
uidance) within
within the
rmination of No
e been used in
use in
s), mudflats, radation or :
other wetlands
3 S S S S S S S S S S S S S S S S S S S

	teral Extent of Jurisdiction: (Reference: 33 CFR parts 328 and 329)
\boxtimes	
	clear, natural line impressed on the bank oil or scum line along shore objects
	the presence of litter and debris fine shell or debris deposits (foreshore)
	changes in the character of soil physical markings/characteristics
	destruction of terrestrial vegetation
	shelving other:
	other: Normal Summer Pool of Chickamauga Lake established by the TVA.
	Many III als Water Manda in directed have
	Mean High Water Mark indicated by: ☐ survey to available datum; ☐ physical markings; ☐ vegetation lines/changes in vegetation types.
	survey to available datum, physical markings, vegetation mies/changes in vegetation types.
	Wetland boundaries, as shown on the attached wetland delineation map and/or in a delineation report prepared by:
_	
Bas	sis For Not Asserting Jurisdiction:
	The reviewed area consists entirely of uplands.
	Unable to confirm the presence of waters in 33 CFR part 328(a)(1, 2, or 4-7).
	Headquarters declined to approve jurisdiction on the basis of 33 CFR part 328.3(a)(3).
	The Corps has made a case-specific determination that the following waters present on the site are not Waters of the
	United States:
	Waste treatment systems, including treatment ponds or lagoons, pursuant to 33 CFR part 328.3.
	Artificially irrigated areas, which would revert to upland if the irrigation ceased.
	Artificial lakes and ponds created by excavating and/or diking dry land to collect and
	retain water and which are used exclusively for such purposes as stock watering, irrigation, settling basins, or
	rice growing.
	Artificial reflecting or swimming pools or other small ornamental bodies of water created
	by excavating and/or diking dry land to retain water for primarily aesthetic reasons. Water filled depressions created in dry land incidental to construction activity, and nits excavated in dry land for
	Water-filled depressions created in dry land incidental to construction activity and pits excavated in dry land for the purpose of obtaining fill, sand, or gravel unless and until the construction or excavation operation is
	abandoned and the resulting body of water meets the definition of waters of the United States found at 33 CFR
	328.3(a).
	Isolated, intrastate wetland with no nexus to interstate commerce.
	Prior converted cropland, as determined by the Natural Resources Conservation Service. Explain rationale:
	Those converted cropiand, as determined by the Patalata Resources conservation service. Explain rationale.
	Non-tidal drainage or irrigation ditches excavated on dry land. Explain rationale:
	Other (explain):
	REVIEWED FOR JURSIDICTIONAL DETERMINATION (mark all that apply):
\bowtie	Maps, plans, plots or plat submitted by or on behalf of the applicant.
	Data sheets prepared/submitted by or on behalf of the applicant.
	This office concurs with the delineation report, dated , prepared by (company):
	This office does not concur with the delineation report, dated , prepared by (company):
\Box	Data sheets prepared by the Corps. Corps' navigable waters' studies:
음	U.S. Geological Survey Hydrologic Atlas:
\forall	U.S. Geological Survey 7.5 Minute Topographic maps: Birchwood Quad
H	U.S. Geological Survey 7.5 Minute Topographic maps. Birchwood Quad U.S. Geological Survey 7.5 Minute Historic quadrangles:
H	U.S. Geological Survey 15 Minute Historic quadrangles:
Ħ	USDA Natural Resources Conservation Service Soil Survey:
Ħ	National wetlands inventory maps:
	State/Local wetland inventory maps:
Ħ	FEMA/FIRM maps (Map Name & Date):
	100-year Floodplain Elevation is: (NGVD)
	Aerial Photographs (Name & Date):
	Other photographs (Date):
	Advanced Identification Wetland maps:
	Site visit/determination conducted on:
	Applicable/supporting case law:
	Other information (please specify):

¹Wetlands are identified and delineated using the methods and criteria established in the Corps Wetland Delineation Manual (87 Manual) (i.e., occurrence of hydrophytic vegetation, hydric soils and wetland hydrology).

²The term "adjacent" means bordering, contiguous, or neighboring. Wetlands separated from other waters of the U.S. by man-made dikes or barriers, natural river berms, beach dunes, and the like are also adjacent.

U.S. Army Corps of Engineers

DISTRICT OFFICE: Nashville **FILE NUMBER:** 970000060

PROJE	CT LOCA	ATION IN	FORMATION:		
Sta	ite:	TN			
	unty:	Rhea			
			te (latitude/longitud		N 35 39 52.7 W 84 48 54.5
			a (parcel) reviewed		g uplands: 1 acres.
			ay: Tennessee Rive	r	
Na	me of wate	ershed:	HUC #06010201		
			RMINATION		D 40.0
Co	mpleted:		determination	\boxtimes	Date: 20 September 2004
		Site visit	(s)		Date(s):
Ju	risdictiona	ıl Determi	nation (JD):		
	Dralimin	ory ID R	acad on available in	formation	, \Box there appear to be (or) \Box there appear to be no "waters of the
	United S	tates" and			Inited States" on the project site. A preliminary JD is not appealable
\boxtimes		d JD – An I that apply	* *	appealable	e action (Reference 33 CFR part 331).
					ates" (as defined by 33 CFR part 329 and associated guidance) within ional area: 210 feet of shoreline.
			ers of the United Sta proximate size of ju		defined by 33 CFR part 328 and associated guidance) within the al area:
	☐ There	e are "isol			tte waters or wetlands" within the reviewed area. NCC/Migratory Bird Rule Information Sheet for Determination of No
RASIS	OF HIRIS	DICTION	NAL DETERMINA	ATION:	
A.					avigable waters of the United States":
	The pres	ence of wa	ters that are subject	to the ebb	o and flow of the tide and/or are presently used, or have been used in ort interstate or foreign commerce.
В.	Waters	defined ur	nder 33 CFR nart	328 3(a) a	s "waters of the United States":
\boxtimes					used, or were used in the past, or may be susceptible to use in
					ters which are subject to the ebb and flow of the tide.
			f interstate waters in		
					te lakes, rivers, streams (including intermittent streams), mudflats,
	sandflats	, wetlands	, sloughs, prairie po	tholes, we	et meadows, playa lakes, or natural ponds, the use, degradation or
					nerce including any such waters (check all that apply):
					or foreign travelers for recreational or other purposes.
					be taken and sold in interstate or foreign commerce.
_					al purposes by industries in interstate commerce.
					s waters of the US.
				ter identifi	ied in (1) – (4) above.
			f territorial seas.	to other v	waters of the US, except for those wetlands adjacent to other wetlands.
	(/) The	ACSCILE OF	wellands adjacent	to other v	waters of the OB, except for those wettailus aujacent to other wettailus.

	eral Extent of Jurisdiction: (Reference: 33 CFR parts 328 and 329) Ordinary High Water Mark indicated by: □ clear, natural line impressed on the bank □ oil or scum line along shore objects
	the presence of litter and debris fine shell or debris deposits (foreshore)
	changes in the character of soil physical markings/characteristics
	destruction of terrestrial vegetation
	shelving other:
	other: Normal Summer Pool of Watts Bar Lake established by the TVA.
	Mean High Water Mark indicated by:
	□ survey to available datum; □ physical markings; □ vegetation lines/changes in vegetation types.
	Wetland boundaries, as shown on the attached wetland delineation map and/or in a delineation report prepared by:
Bas	is For Not Asserting Jurisdiction:
H	The reviewed area consists entirely of uplands. Unable to confirm the presence of waters in 33 CFR part 328(a)(1, 2, or 4-7).
H	Headquarters declined to approve jurisdiction on the basis of 33 CFR part 328.3(a)(3).
Ħ	The Corps has made a case-specific determination that the following waters present on the site are not Waters of the
_	United States:
	Waste treatment systems, including treatment ponds or lagoons, pursuant to 33 CFR part 328.3.
	Artificially irrigated areas, which would revert to upland if the irrigation ceased.
	Artificial lakes and ponds created by excavating and/or diking dry land to collect and
	retain water and which are used exclusively for such purposes as stock watering, irrigation, settling basins, or rice growing.
	Artificial reflecting or swimming pools or other small ornamental bodies of water created
	by excavating and/or diking dry land to retain water for primarily aesthetic reasons.
	Water-filled depressions created in dry land incidental to construction activity and pits excavated in dry land for
	the purpose of obtaining fill, sand, or gravel unless and until the construction or excavation operation is
	abandoned and the resulting body of water meets the definition of waters of the United States found at 33 CFR 328.3(a).
	Isolated, intrastate wetland with no nexus to interstate commerce.
	Prior converted cropland, as determined by the Natural Resources Conservation Service. Explain rationale:
	Non-tidal drainage or irrigation ditches excavated on dry land. Explain rationale:
	Other (explain):
DATA R	REVIEWED FOR JURSIDICTIONAL DETERMINATION (mark all that apply):
\boxtimes	Maps, plans, plots or plat submitted by or on behalf of the applicant.
	Data sheets prepared/submitted by or on behalf of the applicant.
	This office concurs with the delineation report, dated , prepared by (company):
_	This office does not concur with the delineation report, dated , prepared by (company):
	Data sheets prepared by the Corps.
Ä	Corps' navigable waters' studies: U.S. Geological Survey Hydrologic Atlas:
\bowtie	U.S. Geological Survey 7.5 Minute Topographic maps: Spring City Quad
	U.S. Geological Survey 7.5 Minute Historic quadrangles:
	U.S. Geological Survey 15 Minute Historic quadrangles:
	USDA Natural Resources Conservation Service Soil Survey:
	National wetlands inventory maps:
	State/Local wetland inventory maps:
	FEMA/FIRM maps (Map Name & Date): 100-year Floodplain Elevation is: (NGVD)
H	Aerial Photographs (Name & Date):
	Other photographs (Date):
	Advanced Identification Wetland maps:
	Site visit/determination conducted on:
	Applicable/supporting case law:
	Other information (please specify):

¹Wetlands are identified and delineated using the methods and criteria established in the Corps Wetland Delineation Manual (87 Manual) (i.e., occurrence of hydrophytic vegetation, hydric soils and wetland hydrology).

²The term "adjacent" means bordering, contiguous, or neighboring. Wetlands separated from other waters of the U.S. by man-made dikes or barriers, natural river berms, beach dunes, and the like are also adjacent.

U.S. Army Corps of Engineers

DISTRICT OFFICE: Nashville **FILE NUMBER:** 2002-01744

PRO	JEC	CT LOCA	TION IN	FORMATION:		
	State	e:	TN			
	Cou		Grainger			
				te (latitude/longitu		N 36 12 49.1 W 83 27 22.2
					l, including	g uplands: 10 acres.
				ay: Holston River		
	Nam	ne of water	shed:	HUC #06010104		
	TOD	CONTONIA		DA MALA ELONI		
				RMINATION		D . 20 G . 1 2004
	Con	ipietea:		determination	\boxtimes	Date: 20 September 2004
			Site visit	(s)		Date(s):
	Juri	sdictional	Determi	nation (JD):		
						there appear to be (or) \square there appear to be no "waters of the United States" on the project site. A preliminary JD is not appealable
		(Reference	e 33 CFR	part 331).		
	\boxtimes	Approved	l JD – An	approved JD is an	appealable	e action (Reference 33 CFR part 331).
	_	Check all			11	, , ,
		⋈ т			. II:4. J C4	-t" (1-f1 l 22 CEDt 2201i-t-1i-t-1i-t-1
						ates" (as defined by 33 CFR part 329 and associated guidance) within tional area: 1000 feet of shoreline.
		There	are "wate	ers of the United S	tates" (as c	lefined by 33 CFR part 328 and associated guidance) within the
				proximate size of j		
		☐ There	are "isol	ated, non-navigabl	e, intra-sta	ate waters or wetlands" within the reviewed area.
		_				NCC/Migratory Bird Rule Information Sheet for Determination of No
				Jurisdiction.		
RAS	IS O	F HIRISI	DICTION	NAL DETERMIN	(ATION:	
	A.					avigable waters of the United States":
						o and flow of the tide and/or are presently used, or have been used in
						ort interstate or foreign commerce.
		1		1		
	B.					s "waters of the United States":
	\boxtimes	(1) The p	resence of	f waters, which are	currently i	used, or were used in the past, or may be susceptible to use in
	_					ters which are subject to the ebb and flow of the tide.
	Ш					nterstate wetlands ¹ .
						te lakes, rivers, streams (including intermittent streams), mudflats,
						et meadows, playa lakes, or natural ponds, the use, degradation or
						nerce including any such waters (check all that apply):
						or foreign travelers for recreational or other purposes.
						be taken and sold in interstate or foreign commerce.
						al purposes by industries in interstate commerce.
	H					s waters of the US. ied in (1) – (4) above.
	H			f a tributary to a wa f territorial seas.	nei ideiilii	$\operatorname{H}(1) - (4) \text{ above.}$
	H				2 to other s	waters of the US, except for those wetlands adjacent to other wetlands.
		(,) The p	Collect Of	caanas aajacen	. to other v	raters of the est, except for those wettands adjacent to other wettands.

	Ordinary High Water Mark indicated by: Clear, natural line impressed on the bank Changes in the character of soil Cestruction of terrestrial vegetation Shelving Ordinary High Water Mark indicated by: High Tide Line indicated by: Gil or scum line along shore objects fine shell or debris deposits (foreshore) physical markings/characteristics tidal gages other: Other: Normal Summer Pool of Cherokee Lake, as established by the TVA
	Mean High Water Mark indicated by: ☐ survey to available datum; ☐ physical markings; ☐ vegetation lines/changes in vegetation types.
	Wetland boundaries, as shown on the attached wetland delineation map and/or in a delineation report prepared by:
Bas	The reviewed area consists entirely of uplands. Unable to confirm the presence of waters in 33 CFR part 328(a)(1, 2, or 4-7). Headquarters declined to approve jurisdiction on the basis of 33 CFR part 328.3(a)(3). The Corps has made a case-specific determination that the following waters present on the site are not Waters of the United States: Waste treatment systems, including treatment ponds or lagoons, pursuant to 33 CFR part 328.3. Artificially irrigated areas, which would revert to upland if the irrigation ceased. Artificial lakes and ponds created by excavating and/or diking dry land to collect and retain water and which are used exclusively for such purposes as stock watering, irrigation, settling basins, or rice growing. Artificial reflecting or swimming pools or other small ornamental bodies of water created by excavating and/or diking dry land to retain water for primarily aesthetic reasons. Water-filled depressions created in dry land incidental to construction activity and pits excavated in dry land for the purpose of obtaining fill, sand, or gravel unless and until the construction or excavation operation is abandoned and the resulting body of water meets the definition of waters of the United States found at 33 CFR 328.3(a). Isolated, intrastate wetland with no nexus to interstate commerce. Prior converted cropland, as determined by the Natural Resources Conservation Service. Explain rationale: Non-tidal drainage or irrigation ditches excavated on dry land. Explain rationale:
DATA H	Cother (explain): REVIEWED FOR JURSIDICTIONAL DETERMINATION (mark all that apply): Maps, plans, plots or plat submitted by or on behalf of the applicant. Data sheets prepared/submitted by or on behalf of the applicant. □ This office concurs with the delineation report, dated , prepared by (company): □ This office does not concur with the delineation report, dated , prepared by (company): Data sheets prepared by the Corps. Corps' navigable waters' studies: U.S. Geological Survey Hydrologic Atlas: U.S. Geological Survey 7.5 Minute Topographic maps: Talbott Quad U.S. Geological Survey 7.5 Minute Historic quadrangles: U.S. Geological Survey 15 Minute Historic quadrangles: U.S. Acological Survey 15 Minute Historic quadrangles: USDA Natural Resources Conservation Service Soil Survey: National wetlands inventory maps: State/Local wetland inventory maps: FEMA/FIRM maps (Map Name & Date): 100-year Floodplain Elevation is: (NGVD) Aerial Photographs (Date): Advanced Identification Wetland maps: Site visit/determination conducted on: Applicable/supporting case law: Other information (please specify):

¹Wetlands are identified and delineated using the methods and criteria established in the Corps Wetland Delineation Manual (87 Manual) (i.e., occurrence of hydrophytic vegetation, hydric soils and wetland hydrology).

²The term "adjacent" means bordering, contiguous, or neighboring. Wetlands separated from other waters of the U.S. by man-made dikes or barriers, natural river berms, beach dunes, and the like are also adjacent.

U.S. Army Corps of Engineers

DISTRICT OFFICE: Nashville **FILE NUMBER:** 200401773

PROJE	CT LOCA	TION IN	FORMATION:		
Stat	e:	AL			
Cou	inty:	Morgan			
Cen			te (latitude/longitu	ıde):	34-33-31.7, 86-58-10.7
				ng uplands: 20 acres.	
			ay: Unnamed Tril		
Nan	ne of water	rshed:	Tennessee	•	
JURISD	ICTIONA	L DETE	RMINATION		
Cor	npleted:	Desktop	determination		Date:
		Site visit	(s)	\bowtie	Date(s): 9/7/04
			. ,	_	
Jur			nation (JD):		_
	United St	ates" and			n, \square there appear to be (or) \square there appear to be no "waters of the United States" on the project site. A preliminary JD is not appealable
	Approved Check all			n appealabl	le action (Reference 33 CFR part 331).
			gable waters of the Approximate size		States" (as defined by 33 CFR part 329 and associated guidance) within ctional area:
			ers of the United S proximate size of		defined by 33 CFR part 328 and associated guidance) within the nal area:
	☐ There	are "isol			tate waters or wetlands" within the reviewed area. ANCC/Migratory Bird Rule Information Sheet for Determination of No.
RASIS (E HIRIS	DICTION	NAL DETERMIN	NATION.	
A.					navigable waters of the United States":
	The prese	nce of wa	ters that are subje	ct to the eb	bb and flow of the tide and/or are presently used, or have been used in bort interstate or foreign commerce.
В.	Waters d	lefined ur	nder 33 CFR par	t 328.3(a) a	as "waters of the United States":
					used, or were used in the past, or may be susceptible to use in
	interstate	or foreign	n commerce, inclu	ıding all wa	aters which are subject to the ebb and flow of the tide.
	(2) The p	resence of	f interstate waters	including i	interstate wetlands ¹ .
					ate lakes, rivers, streams (including intermittent streams), mudflats,
	sandflats,	wetlands	, sloughs, prairie j	potholes, w	vet meadows, playa lakes, or natural ponds, the use, degradation or
	destruction	on of whic	h could affect into	erstate com	nmerce including any such waters (check all that apply):
					or foreign travelers for recreational or other purposes.
					d be taken and sold in interstate or foreign commerce.
					ial purposes by industries in interstate commerce.
					as waters of the US.
					fied in (1) – (4) above.
	(6) The p	resence of	f territorial seas.		
	(7) The p	resence of	f wetlands adjacer	it ² to other	waters of the US, except for those wetlands adjacent to other wetlands.

La	teral Extent of Jurisdiction: (Reference: 33 CFR parts 328 and 329) Ordinary High Water Mark indicated by: clear, natural line impressed on the bank the presence of litter and debris changes in the character of soil destruction of terrestrial vegetation shelving other: High Tide Line indicated by: oil or scum line along shore objects fine shell or debris deposits (foreshore) physical markings/characteristics tidal gages other:
	Mean High Water Mark indicated by: ☐ survey to available datum; ☐ physical markings; ☐ vegetation lines/changes in vegetation types. Wetland boundaries, as shown on the attached wetland delineation map and/or in a delineation report prepared by:
Ba:	The reviewed area consists entirely of uplands. Unable to confirm the presence of waters in 33 CFR part 328(a)(1, 2, or 4-7). Headquarters declined to approve jurisdiction on the basis of 33 CFR part 328.3(a)(3). The Corps has made a case-specific determination that the following waters present on the site are not Waters of the United States: Waste treatment systems, including treatment ponds or lagoons, pursuant to 33 CFR part 328.3. Artificially irrigated areas, which would revert to upland if the irrigation ceased. Artificial lakes and ponds created by excavating and/or diking dry land to collect and retain water and which are used exclusively for such purposes as stock watering, irrigation, settling basins, or rice growing. Artificial reflecting or swimming pools or other small ornamental bodies of water created by excavating and/or diking dry land to retain water for primarily aesthetic reasons. Water-filled depressions created in dry land incidental to construction activity and pits excavated in dry land for the purpose of obtaining fill, sand, or gravel unless and until the construction or excavation operation is abandoned and the resulting body of water meets the definition of waters of the United States found at 33 CFR 328.3(a). Isolated, intrastate wetland with no nexus to interstate commerce. Prior converted cropland, as determined by the Natural Resources Conservation Service. Explain rationale: Non-tidal drainage or irrigation ditches excavated on dry land. Explain rationale: Other (explain):
DATA	Maps, plans, plots or plat submitted by or on behalf of the applicant. Data sheets prepared/submitted by or on behalf of the applicant. This office concurs with the delineation report, dated , prepared by (company): This office does not concur with the delineation report, dated , prepared by (company): Data sheets prepared by the Corps. Corps' navigable waters' studies: U.S. Geological Survey Hydrologic Atlas: U.S. Geological Survey 7.5 Minute Topographic maps: Decatur, AL U.S. Geological Survey 7.5 Minute Historic quadrangles: U.S. Geological Survey 15 Minute Historic quadrangles: U.S. Ageological Survey 15 Minute Historic quadrangles: U.S. Geological Survey 15 Minute Historic quad

¹Wetlands are identified and delineated using the methods and criteria established in the Corps Wetland Delineation Manual (87 Manual) (i.e., occurrence of hydrophytic vegetation, hydric soils and wetland hydrology).

²The term "adjacent" means bordering, contiguous, or neighboring. Wetlands separated from other waters of the U.S. by man-made dikes or barriers, natural river berms, beach dunes, and the like are also adjacent.

Revised 8/13/04

JURISDICTIONAL DETERMINATION U.S. Army Corps of Engineers

DISTRICT OFFICE: Nashville **FILE NUMBER: 200401768**

	CT LOCATION INFORMATION:							
Stat								
	inty: Wayne							
	Center coordinates of site (latitude/longitude): 35-11-6.2; 87-42-14.3							
	proximate size of area (parcel) reviewed, including uplands: acres.							
	ne of nearest waterway: Furncae Branch ne of watershed: Tennessee-Beech							
INai	ne of watersned. Tennessee-beech							
JURISD	ICTIONAL DETERMINATION							
Cor	npleted: Desktop determination Date: 23 Sept. 2004							
	Site visit(s) Date(s):							
Jur	isdictional Determination (JD):							
	Preliminary JD - Based on available information, \(\square there appear to be \) (or) \(\square there appear to be no "waters of the square the theorem is the square							
_	United States" and/or "navigable waters of the United States" on the project site. A preliminary JD is not appealable (Reference 33 CFR part 331).							
	Approved JD – An approved JD is an appealable action (Reference 33 CFR part 331). Check all that apply:							
	\square <i>There are</i> "navigable waters of the United States" (as defined by 33 CFR part 329 and associated guidance) within the reviewed area. Approximate size of jurisdictional area:							
	There are "waters of the United States" (as defined by 33 CFR part 328 and associated guidance) within the reviewed area. Approximate size of jurisdictional area:							
	There are "isolated, non-navigable, intra-state waters or wetlands" within the reviewed area. Decision supported by SWANCC/Migratory Bird Rule Information Sheet for Determination of No Jurisdiction.							
BASIS (OF JURISDICTIONAL DETERMINATION:							
	Waters defined under 33 CFR part 329 as "navigable waters of the United States":							
	The presence of waters that are subject to the ebb and flow of the tide and/or are presently used, or have been used in the past, or may be susceptible for use to transport interstate or foreign commerce.							
В.	Waters defined under 33 CFR part 328.3(a) as "waters of the United States":							
	(1) The presence of waters, which are currently used, or were used in the past, or may be susceptible to use in							
_	interstate or foreign commerce, including all waters which are subject to the ebb and flow of the tide.							
	(2) The presence of interstate waters including interstate wetlands ¹ .							
	(3) The presence of other waters such as intrastate lakes, rivers, streams (including intermittent streams), mudflats,							
	sandflats, wetlands, sloughs, prairie potholes, wet meadows, playa lakes, or natural ponds, the use, degradation or							
	destruction of which could affect interstate commerce including any such waters (check all that apply):							
	(i) which are or could be used by interstate or foreign travelers for recreational or other purposes.							
	(ii) from which fish or shellfish are or could be taken and sold in interstate or foreign commerce.							
_	(iii) which are or could be used for industrial purposes by industries in interstate commerce.							
	(4) Impoundments of waters otherwise defined as waters of the US.							
	(5) The presence of a tributary to a water identified in (1) – (4) above.(6) The presence of territorial seas.							
	(6) The presence of territorial seas. (7) The presence of wetlands adjacent to other waters of the US, except for those wetlands adjacent to other wetlands.							
	(1) The presence of wednings adjacent to other waters of the 65, except for those wednings adjacent to other wednings.							

Lat	Ordinary High Water Mark indicated by: I clear, natural line impressed on the bank I changes in the character of soil I destruction of terrestrial vegetation Shelving Ordinary High Water Mark indicated by: I High Tide Line indicated by: I did line indicated by: I high Tide Line indicated by: I oil or scum line along shore objects fine shell or debris deposits (foreshore) physical markings/characteristics tidal gages other: I other:
	Mean High Water Mark indicated by: ☐ survey to available datum; ☐ physical markings; ☐ vegetation lines/changes in vegetation types.
	Wetland boundaries, as shown on the attached wetland delineation map and/or in a delineation report prepared by:
Bas	The reviewed area consists entirely of uplands. Unable to confirm the presence of waters in 33 CFR part 328(a)(1, 2, or 4-7). Headquarters declined to approve jurisdiction on the basis of 33 CFR part 328.3(a)(3). The Corps has made a case-specific determination that the following waters present on the site are not Waters of the United States: Waste treatment systems, including treatment ponds or lagoons, pursuant to 33 CFR part 328.3. Artificially irrigated areas, which would revert to upland if the irrigation ceased. Artificial lakes and ponds created by excavating and/or diking dry land to collect and retain water and which are used exclusively for such purposes as stock watering, irrigation, settling basins, or rice growing. Artificial reflecting or swimming pools or other small ornamental bodies of water created by excavating and/or diking dry land to retain water for primarily aesthetic reasons. Water-filled depressions created in dry land incidental to construction activity and pits excavated in dry land for the purpose of obtaining fill, sand, or gravel unless and until the construction or excavation operation is abandoned and the resulting body of water meets the definition of waters of the United States found at 33 CFR 328.3(a). Isolated, intrastate wetland with no nexus to interstate commerce. Prior converted cropland, as determined by the Natural Resources Conservation Service. Explain rationale: Non-tidal drainage or irrigation ditches excavated on dry land. Explain rationale: Other (explain):
DATA I	REVIEWED FOR JURSIDICTIONAL DETERMINATION (mark all that apply): Maps, plans, plots or plat submitted by or on behalf of the applicant. Data sheets prepared/submitted by or on behalf of the applicant. This office concurs with the delineation report, dated , prepared by (company): This office does not concur with the delineation report, dated , prepared by (company): Data sheets prepared by the Corps. Corps' navigable waters' studies: U.S. Geological Survey Hydrologic Atlas: U.S. Geological Survey 7.5 Minute Topographic maps: U.S. Geological Survey 7.5 Minute Historic quadrangles: U.S. Geological Survey 15 Minute Historic quadrangles: U.S. Geological Survey 15 Minute Historic quadrangles: USDA Natural Resources Conservation Service Soil Survey: National wetlands inventory maps: State/Local wetland inventory maps: FEMA/FIRM maps (Map Name & Date): 100-year Floodplain Elevation is: (NGVD) Aerial Photographs (Date): Advanced Identification Wetland maps: Site visit/determination conducted on: Applicable/supporting case law: Other information (please specify):

¹Wetlands are identified and delineated using the methods and criteria established in the Corps Wetland Delineation Manual (87 Manual) (i.e., occurrence of hydrophytic vegetation, hydric soils and wetland hydrology).

²The term "adjacent" means bordering, contiguous, or neighboring. Wetlands separated from other waters of the U.S. by man-made dikes or barriers, natural river berms, beach dunes, and the like are also adjacent.

U.S. Army Corps of Engineers

DISTRICT OFFICE: Nashville **FILE NUMBER:** 200401767

PROJE	CT LOCATION INF	ORMATION:						
Stat	e: TN							
	inty: Wayne							
	ter coordinates of site			35-20-42.4; 87-39-58.3				
	proximate size of area			uplands: acres.				
	ne of nearest waterway							
Nan	ne of watershed:	Tennessee-Beech						
HIDIOD	ICTIONAL DETER	MINIA TION						
	ICTIONAL DETER			Data: 22 Sant 2004				
Cor	npleted: Desktop de		\boxtimes	Date: 23 Sept. 2004				
	Site visit(s	5)		Date(s):				
Jur	isdictional Determin	ation (JD):						
				, \square there appear to be (or) \square there appear to be no "waters of the nited States" on the project site. A preliminary JD is not appealable				
	(Reference 33 CFR p	part 331).						
\boxtimes	Approved JD – An a	approved JD is an a	ppealable	action (Reference 33 CFR part 331).				
	Check all that apply:		T F					
	There are "navig	able waters of the	United Sta	ates" (as defined by 33 CFR part 329 and associated guidance) within				
	There are "navigable waters of the United States" (as defined by 33 CFR part 329 and associated guidance) with the reviewed area. Approximate size of jurisdictional area:							
	There are "water reviewed area. Appr			lefined by 33 CFR part 328 and associated guidance) within the all area:				
				te waters or wetlands" within the reviewed area.				
		Decision supported Jurisdiction.	by SWA	NCC/Migratory Bird Rule Information Sheet for Determination of No				
BASIS (OF JURISDICTION	AL DETERMINA	TION:					
A.	Waters defined und	ler 33 CFR part 3	29 as "na	vigable waters of the United States":				
	The presence of water	ers that are subject	to the ebb	and flow of the tide and/or are presently used, or have been used in				
	the past, or may be s	usceptible for use	to transpo	rt interstate or foreign commerce.				
ъ	Waters Joffer of and	lan 22 CED mant 2	20.2(a) a.					
B. □				s "waters of the United States": used, or were used in the past, or may be susceptible to use in				
				ers which are subject to the ebb and flow of the tide.				
	(2) The presence of i							
H				e lakes, rivers, streams (including intermittent streams), mudflats,				
				t meadows, playa lakes, or natural ponds, the use, degradation or				
				nerce including any such waters (check all that apply):				
				or foreign travelers for recreational or other purposes.				
				be taken and sold in interstate or foreign commerce.				
				l purposes by industries in interstate commerce.				
	(4) Impoundments of							
$\overline{\boxtimes}$				ed in $(1) - (4)$ above.				
	(6) The presence of t	(6) The presence of territorial seas.						
	(7) The presence of v	wetlands adjacent ²	to other w	vaters of the US, except for those wetlands adjacent to other wetlands.				
		ет ти						

Lat	Ordinary High Water Mark indicated by: I clear, natural line impressed on the bank I changes in the character of soil I destruction of terrestrial vegetation Shelving Ordinary High Water Mark indicated by: I High Tide Line indicated by: I did line indicated by: I high Tide Line indicated by: I oil or scum line along shore objects fine shell or debris deposits (foreshore) physical markings/characteristics tidal gages other: I other:
	Mean High Water Mark indicated by: ☐ survey to available datum; ☐ physical markings; ☐ vegetation lines/changes in vegetation types.
	Wetland boundaries, as shown on the attached wetland delineation map and/or in a delineation report prepared by:
Bas	The reviewed area consists entirely of uplands. Unable to confirm the presence of waters in 33 CFR part 328(a)(1, 2, or 4-7). Headquarters declined to approve jurisdiction on the basis of 33 CFR part 328.3(a)(3). The Corps has made a case-specific determination that the following waters present on the site are not Waters of the United States: Waste treatment systems, including treatment ponds or lagoons, pursuant to 33 CFR part 328.3. Artificially irrigated areas, which would revert to upland if the irrigation ceased. Artificial lakes and ponds created by excavating and/or diking dry land to collect and retain water and which are used exclusively for such purposes as stock watering, irrigation, settling basins, or rice growing. Artificial reflecting or swimming pools or other small ornamental bodies of water created by excavating and/or diking dry land to retain water for primarily aesthetic reasons. Water-filled depressions created in dry land incidental to construction activity and pits excavated in dry land for the purpose of obtaining fill, sand, or gravel unless and until the construction or excavation operation is abandoned and the resulting body of water meets the definition of waters of the United States found at 33 CFR 328.3(a). Isolated, intrastate wetland with no nexus to interstate commerce. Prior converted cropland, as determined by the Natural Resources Conservation Service. Explain rationale: Non-tidal drainage or irrigation ditches excavated on dry land. Explain rationale: Other (explain):
DATA I	REVIEWED FOR JURSIDICTIONAL DETERMINATION (mark all that apply): Maps, plans, plots or plat submitted by or on behalf of the applicant. Data sheets prepared/submitted by or on behalf of the applicant. This office concurs with the delineation report, dated , prepared by (company): This office does not concur with the delineation report, dated , prepared by (company): Data sheets prepared by the Corps. Corps' navigable waters' studies: U.S. Geological Survey Hydrologic Atlas: U.S. Geological Survey 7.5 Minute Topographic maps: U.S. Geological Survey 7.5 Minute Historic quadrangles: U.S. Geological Survey 15 Minute Historic quadrangles: U.S. Geological Survey 15 Minute Historic quadrangles: USDA Natural Resources Conservation Service Soil Survey: National wetlands inventory maps: State/Local wetland inventory maps: FEMA/FIRM maps (Map Name & Date): 100-year Floodplain Elevation is: (NGVD) Aerial Photographs (Date): Advanced Identification Wetland maps: Site visit/determination conducted on: Applicable/supporting case law: Other information (please specify):

¹Wetlands are identified and delineated using the methods and criteria established in the Corps Wetland Delineation Manual (87 Manual) (i.e., occurrence of hydrophytic vegetation, hydric soils and wetland hydrology).

²The term "adjacent" means bordering, contiguous, or neighboring. Wetlands separated from other waters of the U.S. by man-made dikes or barriers, natural river berms, beach dunes, and the like are also adjacent.

U.S. Army Corps of Engineers

DISTRICT OFFICE: Nashville **FILE NUMBER:** 2004-01761

PROJE	CT LOCATION INFO	RMATION:		
Stat	e: TN			
Cou	nty: Knox			
	ter coordinates of site (N 35 54 31.7 W 84 7 7.7
App	proximate size of area (p	parcel) reviewed,	including	uplands: 5 acres.
Nan	ne of nearest waterway:	Sinking Creek		
Nan	ne of watershed: H	UC #06010201		
	ICTIONAL DETERM		_	
Cor	npleted: Desktop det	ermination		Date:
	Site visit(s)		\boxtimes	Date(s): 2 September 2004
Jur	isdictional Determinat	tion (JD):		
	Preliminary JD - Base	d on available int	formation.	\Box there appear to be (or) \Box there appear to be no "waters of the
_				nited States" on the project site. A preliminary JD is not appealable
	(Reference 33 CFR pa	-		r against the first the second
	A 1 ID			
\boxtimes	Check all that apply:	proved JD is an a	рреагавте	action (Reference 33 CFR part 331).
	Check an that appry.			
	There are "navigal	ole waters of the	United Sta	ates" (as defined by 33 CFR part 329 and associated guidance) within
	the reviewed area. Ap			
		F	- J	
	There are "waters	of the United Sta	tes" (as d	efined by 33 CFR part 328 and associated guidance) within the
				al area: Approximately 50 feet of ephemeral stream.
	☐ There are "isolated	d. non-navigable.	intra-sta	te waters or wetlands" within the reviewed area.
				NCC/Migratory Bird Rule Information Sheet for Determination of No
		risdiction.		
BASIS (OF JURISDICTIONAL			
<u>A.</u>				vigable waters of the United States":
				and flow of the tide and/or are presently used, or have been used in
	the past, or may be sus	sceptible for use t	to transpo	rt interstate or foreign commerce.
р	Watana dafinad unda	n 22 CED nant 2	20 3(a) a	Survey of the United States?
B. □				s "waters of the United States": used, or were used in the past, or may be susceptible to use in
ш				ers which are subject to the ebb and flow of the tide.
	(2) The presence of in			
H				e lakes, rivers, streams (including intermittent streams), mudflats,
				t meadows, playa lakes, or natural ponds, the use, degradation or
				nerce including any such waters (check all that apply):
				or foreign travelers for recreational or other purposes.
				be taken and sold in interstate or foreign commerce.
	: :			l purposes by industries in interstate commerce.
	(4) Impoundments of			
\bowtie	(5) The presence of a t			
	(6) The presence of ter			
			to other w	vaters of the US, except for those wetlands adjacent to other wetlands.
_		3		, ,
		T		

Lat ⊠	teral Extent of Jurisdiction: (Reference: 33 CFR parts 328 and 329) Ordinary High Water Mark indicated by: □ clear, natural line impressed on the bank □ the presence of litter and debris □ changes in the character of soil □ destruction of terrestrial vegetation □ shelving □ other: □ other: □ destruction of Jurisdiction: (Reference: 33 CFR parts 328 and 329) □ High Tide Line indicated by: □ oil or scum line along shore objects □ fine shell or debris deposits (foreshore) □ physical markings/characteristics □ tidal gages □ other:
	Mean High Water Mark indicated by: ☐ survey to available datum; ☐ physical markings; ☐ vegetation lines/changes in vegetation types.
	Wetland boundaries, as shown on the attached wetland delineation map and/or in a delineation report prepared by:
Bas	The reviewed area consists entirely of uplands. Unable to confirm the presence of waters in 33 CFR part 328(a)(1, 2, or 4-7). Headquarters declined to approve jurisdiction on the basis of 33 CFR part 328.3(a)(3). The Corps has made a case-specific determination that the following waters present on the site are not Waters of the United States: Waste treatment systems, including treatment ponds or lagoons, pursuant to 33 CFR part 328.3. Artificially irrigated areas, which would revert to upland if the irrigation ceased. Artificial lakes and ponds created by excavating and/or diking dry land to collect and retain water and which are used exclusively for such purposes as stock watering, irrigation, settling basins, or rice growing. Artificial reflecting or swimming pools or other small ornamental bodies of water created by excavating and/or diking dry land to retain water for primarily aesthetic reasons. Water-filled depressions created in dry land incidental to construction activity and pits excavated in dry land for the purpose of obtaining fill, sand, or gravel unless and until the construction or excavation operation is abandoned and the resulting body of water meets the definition of waters of the United States found at 33 CFR 328.3(a). Isolated, intrastate wetland with no nexus to interstate commerce. Prior converted cropland, as determined by the Natural Resources Conservation Service. Explain rationale: Non-tidal drainage or irrigation ditches excavated on dry land. Explain rationale: Other (explain):
DATA I	REVIEWED FOR JURSIDICTIONAL DETERMINATION (mark all that apply): Maps, plans, plots or plat submitted by or on behalf of the applicant. Data sheets prepared/submitted by or on behalf of the applicant. This office concurs with the delineation report, dated , prepared by (company): This office does not concur with the delineation report, dated , prepared by (company): Data sheets prepared by the Corps. Corps' navigable waters' studies: U.S. Geological Survey Hydrologic Atlas: U.S. Geological Survey 7.5 Minute Topographic maps: Bearden Quad U.S. Geological Survey 7.5 Minute Historic quadrangles: U.S. Geological Survey 15 Minute Historic quadrangles: U.S. Geological Survey 15 Minute Historic quadrangles: U.S. Geological Survey 15 Minute Historic soil Survey: National wetlands inventory maps: State/Local wetland inventory maps: FEMA/FIRM maps (Map Name & Date): 100-year Floodplain Elevation is: (NGVD) Aerial Photographs (Date): Advanced Identification Wetland maps: Site visit/determination conducted on: 2 September 2004 Applicable/supporting case law: Other information (please specify):

¹Wetlands are identified and delineated using the methods and criteria established in the Corps Wetland Delineation Manual (87 Manual) (i.e., occurrence of hydrophytic vegetation, hydric soils and wetland hydrology).

 $^{^{2}}$ The term "adjacent" means bordering, contiguous, or neighboring. Wetlands separated from other waters of the U.S. by man-made dikes or barriers, natural river berms, beach dunes, and the like are also adjacent.

U.S. Army Corps of Engineers

DISTRICT OFFICE: Nashville **FILE NUMBER:** 2004-01760

Star Cou Cer App Nar	CT LOCATION INFORMATION: te: TN inty: Houston iter coordinates of site (latitude/longitude): proximate size of area (parcel) reviewed, including uplands: acres. ine of nearest waterway: John Brooks Lane over Bateman Branch Mile 4.0 (CRM 103L) ine of watershed: Tennessee River
	Dictional Determination mpleted: Desktop determination Site visit(s) Date: 9/21/2004 LRM Date(s):
Jur	isdictional Determination (JD):
	Preliminary JD - Based on available information, \square <i>there appear to be</i> (or) \square <i>there appear to be no</i> "waters of the United States" and/or "navigable waters of the United States" on the project site. A preliminary JD is not appealable (Reference 33 CFR part 331).
\boxtimes	Approved JD – An approved JD is an appealable action (Reference 33 CFR part 331). Check all that apply:
	☐ <i>There are</i> "navigable waters of the United States" (as defined by 33 CFR part 329 and associated guidance) within the reviewed area. Approximate size of jurisdictional area:
	There are "waters of the United States" (as defined by 33 CFR part 328 and associated guidance) within the reviewed area. Approximate size of jurisdictional area:
	☐ There are "isolated, non-navigable, intra-state waters or wetlands" within the reviewed area. ☐ Decision supported by SWANCC/Migratory Bird Rule Information Sheet for Determination of No Jurisdiction.
BASIS (OF JURISDICTIONAL DETERMINATION: Waters defined under 33 CFR part 329 as "navigable waters of the United States": The presence of waters that are subject to the ebb and flow of the tide and/or are presently used, or have been used in the past, or may be susceptible for use to transport interstate or foreign commerce.
B. ⊠	Waters defined under 33 CFR part 328.3(a) as "waters of the United States": (1) The presence of waters, which are currently used, or were used in the past, or may be susceptible to use in interstate or foreign commerce, including all waters which are subject to the ebb and flow of the tide. (2) The presence of interstate waters including interstate wetlands ¹ . (3) The presence of other waters such as intrastate lakes, rivers, streams (including intermittent streams), mudflats, sandflats, wetlands, sloughs, prairie potholes, wet meadows, playa lakes, or natural ponds, the use, degradation or destruction of which could affect interstate commerce including any such waters (check all that apply): (i) which are or could be used by interstate or foreign travelers for recreational or other purposes. (ii) from which fish or shellfish are or could be taken and sold in interstate or foreign commerce. (iii) which are or could be used for industrial purposes by industries in interstate commerce. (4) Impoundments of waters otherwise defined as waters of the US. (5) The presence of a tributary to a water identified in (1) – (4) above. (6) The presence of wetlands adjacent ² to other waters of the US, except for those wetlands adjacent to other wetlands.

Lat ⊠	Ordinary High Water Mark indicated by: High Tide Line indicated by: High Tide Line indicated by: Oil or scum line along shore objects fine shell or debris deposits (foreshore) changes in the character of soil physical markings/characteristics tidal gages shelving other:
	Mean High Water Mark indicated by: ☐ survey to available datum; ☐ physical markings; ☐ vegetation lines/changes in vegetation types.
	Wetland boundaries, as shown on the attached wetland delineation map and/or in a delineation report prepared by:
Bas	The reviewed area consists entirely of uplands. Unable to confirm the presence of waters in 33 CFR part 328(a)(1, 2, or 4-7). Headquarters declined to approve jurisdiction on the basis of 33 CFR part 328.3(a)(3). The Corps has made a case-specific determination that the following waters present on the site are not Waters of the United States: Waste treatment systems, including treatment ponds or lagoons, pursuant to 33 CFR part 328.3. Artificially irrigated areas, which would revert to upland if the irrigation ceased. Artificial lakes and ponds created by excavating and/or diking dry land to collect and retain water and which are used exclusively for such purposes as stock watering, irrigation, settling basins, or rice growing. Artificial reflecting or swimming pools or other small ornamental bodies of water created by excavating and/or diking dry land to retain water for primarily aesthetic reasons. Water-filled depressions created in dry land incidental to construction activity and pits excavated in dry land for the purpose of obtaining fill, sand, or gravel unless and until the construction or excavation operation is abandoned and the resulting body of water meets the definition of waters of the United States found at 33 CFR 328.3(a). Isolated, intrastate wetland with no nexus to interstate commerce. Prior converted cropland, as determined by the Natural Resources Conservation Service. Explain rationale: Non-tidal drainage or irrigation ditches excavated on dry land. Explain rationale: Other (explain):
DATA I	Maps, plans, plots or plat submitted by or on behalf of the applicant. Data sheets prepared/submitted by or on behalf of the applicant. This office concurs with the delineation report, dated , prepared by (company): This office does not concur with the delineation report, dated , prepared by (company): Data sheets prepared by the Corps. Corps' navigable waters' studies: U.S. Geological Survey Hydrologic Atlas: U.S. Geological Survey 7.5 Minute Topographic maps: U.S. Geological Survey 15 Minute Historic quadrangles: U.S. Geological Survey 15 Minute Historic quadrangles: U.S. Geological Survey 15 Minute Historic quadrangles: U.S. Hatural Resources Conservation Service Soil Survey: National wetlands inventory maps: State/Local wetland inventory maps: FEMA/FIRM maps (Map Name & Date): 100-year Floodplain Elevation is: (NGVD) Aerial Photographs (Name & Date): Other photographs (Date): Advanced Identification Wetland maps: Site visit/determination conducted on: Applicable/supporting case law: Other information (please specify): Irm

¹Wetlands are identified and delineated using the methods and criteria established in the Corps Wetland Delineation Manual (87 Manual) (i.e., occurrence of hydrophytic vegetation, hydric soils and wetland hydrology).

²The term "adjacent" means bordering, contiguous, or neighboring. Wetlands separated from other waters of the U.S. by man-made dikes or barriers, natural river berms, beach dunes, and the like are also adjacent.

U.S. Army Corps of Engineers

DISTRICT OFFICE: CELRN **FILE NUMBER:** 2004-1735

	(01/12/21/	200.1700			
PROJ	ECT LOCA	ATION INFORM	IATION:		
St	ate:	TN			
	ounty:	Loudon			
		nates of site (latitu			N 35 43 32.81/ W 84 14 34.99
					uplands: 0.25 acres.
N	ame of near	est waterway: Lit	tle Tennessee	River	
N	ame of wate	rshed: HUC (06010204		
HIDIG	DICTION	AL DETERMINA	ATION		
		Desktop determi		\boxtimes	Date: Sept 21, 2004
C	ompicieu.		mation		•
		Site visit(s)			Date(s):
Jı	ırisdictiona	l Determination	(JD):		
	Prelimin	ary JD - Based on	available inf	ormation,	☐ there appear to be (or) ☐ there appear to be no "waters of the
	United S		vigable waters		nited States" on the project site. A preliminary JD is not appealable
	1 Approxim	d ID. An anneau	rad ID is an ar	anaalahla	action (Pafaranca 22 CEP part 221)
\geq		d 1D – All applov l that apply:	eu iD is an ap	рреатавте	action (Reference 33 CFR part 331).
	CHECK at	i tilat appry.			
	M There	<i>are</i> "navigable v	vaters of the U	Jnited Sta	ites" (as defined by 33 CFR part 329 and associated guidance) within
					onal area: 40-linear feet.
	_				
		e are "waters of the l area. Approxima			efined by 33 CFR part 328 and associated guidance) within the l area:
	□ There	ara "isolated n	on-naviaahla	intra_stat	te waters or wetlands" within the reviewed area.
	Ппете				NCC/Migratory Bird Rule Information Sheet for Determination of No.
		Jurisdi		<i>by 5</i> 11711	vec/migratory bita Rule information sheet for betermination of the
		0 411041			
BASIS	OF JURIS	SDICTIONAL D	ETERMINA	TION:	
A					vigable waters of the United States":
\geq					and flow of the tide and/or are presently used, or have been used in
	the past,	or may be suscept	tible for use <u>t</u>	o transpoi	t interstate or foreign commerce.
В	Waters	defined under 33	CFR nart 3	28 3(a) as	"waters of the United States":
Ĭ					sed, or were used in the past, or may be susceptible to use in
_					ers which are subject to the ebb and flow of the tide.
					terstate wetlands ¹ .
					e lakes, rivers, streams (including intermittent streams), mudflats,
_					t meadows, playa lakes, or natural ponds, the use, degradation or
					herce including any such waters (check all that apply):
					r foreign travelers for recreational or other purposes.
					be taken and sold in interstate or foreign commerce.
					purposes by industries in interstate commerce.
					s waters of the US.
				er identifie	ed in (1) – (4) above.
		presence of territor			
	(7) The p	presence of wetlar	nds adjacent ² t	to other w	raters of the US, except for those wetlands adjacent to other wetlands.

Lat ⊠	eral Extent of Jurisdiction: (Reference: 33 CFR parts 328 and 329) Ordinary High Water Mark indicated by: ☐ clear, natural line impressed on the bank ☐ the presence of litter and debris ☐ changes in the character of soil ☐ destruction of terrestrial vegetation ☐ shelving ☐ other: normal summer pool Tellico Lake ☐ tidal gages ☐ other:
	Mean High Water Mark indicated by: ☐ survey to available datum; ☐ physical markings; ☐ vegetation lines/changes in vegetation types.
	Wetland boundaries, as shown on the attached wetland delineation map and/or in a delineation report prepared by:
Bas	The reviewed area consists entirely of uplands. Unable to confirm the presence of waters in 33 CFR part 328(a)(1, 2, or 4-7). Headquarters declined to approve jurisdiction on the basis of 33 CFR part 328.3(a)(3). The Corps has made a case-specific determination that the following waters present on the site are not Waters of the United States: Waste treatment systems, including treatment ponds or lagoons, pursuant to 33 CFR part 328.3. Artificially irrigated areas, which would revert to upland if the irrigation ceased. Artificial lakes and ponds created by excavating and/or diking dry land to collect and retain water and which are used exclusively for such purposes as stock watering, irrigation, settling basins, or rice growing. Artificial reflecting or swimming pools or other small ornamental bodies of water created by excavating and/or diking dry land to retain water for primarily aesthetic reasons. Water-filled depressions created in dry land incidental to construction activity and pits excavated in dry land for the purpose of obtaining fill, sand, or gravel unless and until the construction or excavation operation is abandoned and the resulting body of water meets the definition of waters of the United States found at 33 CFR 328.3(a). Isolated, intrastate wetland with no nexus to interstate commerce. Prior converted cropland, as determined by the Natural Resources Conservation Service. Explain rationale: Non-tidal drainage or irrigation ditches excavated on dry land. Explain rationale: Other (explain):
DATA I	Maps, plans, plots or plat submitted by or on behalf of the applicant. Data sheets prepared/submitted by or on behalf of the applicant. This office concurs with the delineation report, dated , prepared by (company): This office does not concur with the delineation report, dated , prepared by (company): Data sheets prepared by the Corps. Corps' navigable waters' studies: U.S. Geological Survey Hydrologic Atlas: U.S. Geological Survey 7.5 Minute Topographic maps: Loudon U.S. Geological Survey 7.5 Minute Historic quadrangles: U.S. Geological Survey 15 Minute Historic quadrangles: U.S. Geological Survey 15 Minute Historic quadrangles: U.S. Dealogical Survey 15 Minute Historic quadrangles: U.S. Geological Survey 16 Minute Historic quadrangle

¹Wetlands are identified and delineated using the methods and criteria established in the Corps Wetland Delineation Manual (87 Manual) (i.e., occurrence of hydrophytic vegetation, hydric soils and wetland hydrology).

²The term "adjacent" means bordering, contiguous, or neighboring. Wetlands separated from other waters of the U.S. by man-made dikes or barriers, natural river berms, beach dunes, and the like are also adjacent.

U.S. Army Corps of Engineers

DISTRICT OFFICE: CELRN **FILE NUMBER:** 2004-1734

Sta	CCT LOCATION INFORMATION: ate: TN
Ce Ap Na	unty: Monroe nter coordinates of site (latitude/longitude): N 35 33 2.08/ W 84 09 6.20 proximate size of area (parcel) reviewed, including uplands: 0.25 acres. me of nearest waterway: Little Tennessee River me of watershed: HUC 06010204
	DICTIONAL DETERMINATION Impleted: Desktop determination Site visit(s) Date: Sept 21, 2004 Date(s):
Ju	risdictional Determination (JD):
	Preliminary JD - Based on available information, \square <i>there appear to be</i> (or) \square <i>there appear to be no</i> "waters of the United States" and/or "navigable waters of the United States" on the project site. A preliminary JD is not appealable (Reference 33 CFR part 331).
\boxtimes	Approved JD – An approved JD is an appealable action (Reference 33 CFR part 331). Check all that apply:
	There are "navigable waters of the United States" (as defined by 33 CFR part 329 and associated guidance) within the reviewed area. Approximate size of jurisdictional area: 125-linear feet.
	There are "waters of the United States" (as defined by 33 CFR part 328 and associated guidance) within the reviewed area. Approximate size of jurisdictional area:
	 There are "isolated, non-navigable, intra-state waters or wetlands" within the reviewed area. Decision supported by SWANCC/Migratory Bird Rule Information Sheet for Determination of No Jurisdiction.
BASIS	OF JURISDICTIONAL DETERMINATION:
A.	Waters defined under 33 CFR part 329 as "navigable waters of the United States": The presence of waters that are subject to the ebb and flow of the tide and/or are presently used, or have been used in the past, or may be susceptible for use to transport interstate or foreign commerce.
B	 (1) The presence of waters, which are currently used, or were used in the past, or may be susceptible to use in interstate or foreign commerce, including all waters which are subject to the ebb and flow of the tide. (2) The presence of interstate waters including interstate wetlands¹. (3) The presence of other waters such as intrastate lakes, rivers, streams (including intermittent streams), mudflats, sandflats, wetlands, sloughs, prairie potholes, wet meadows, playa lakes, or natural ponds, the use, degradation or destruction of which could affect interstate commerce including any such waters (check all that apply): (i) which are or could be used by interstate or foreign travelers for recreational or other purposes. (ii) from which fish or shellfish are or could be taken and sold in interstate or foreign commerce.
	 (iii) which are or could be used for industrial purposes by industries in interstate commerce. (4) Impoundments of waters otherwise defined as waters of the US. (5) The presence of a tributary to a water identified in (1) – (4) above. (6) The presence of territorial seas. (7) The presence of wetlands adjacent² to other waters of the US, except for those wetlands adjacent to other wetlands

Lat ⊠	eral Extent of Jurisdiction: (Reference: 33 CFR parts 328 and 329) Ordinary High Water Mark indicated by: ☐ clear, natural line impressed on the bank ☐ the presence of litter and debris ☐ changes in the character of soil ☐ charges in the character of soil ☐ physical markings/characteristics ☐ tidal gages ☐ tidal gages ☐ other: ☐ other:
	Mean High Water Mark indicated by: ☐ survey to available datum; ☐ physical markings; ☐ vegetation lines/changes in vegetation types. Wetland boundaries, as shown on the attached wetland delineation map and/or in a delineation report prepared by:
Bas	is For Not Asserting Jurisdiction: The reviewed area consists entirely of uplands. Unable to confirm the presence of waters in 33 CFR part 328(a)(1, 2, or 4-7). Headquarters declined to approve jurisdiction on the basis of 33 CFR part 328.3(a)(3). The Corps has made a case-specific determination that the following waters present on the site are not Waters of the United States: Waste treatment systems, including treatment ponds or lagoons, pursuant to 33 CFR part 328.3. Artificially irrigated areas, which would revert to upland if the irrigation ceased. Artificial lakes and ponds created by excavating and/or diking dry land to collect and retain water and which are used exclusively for such purposes as stock watering, irrigation, settling basins, or rice growing. Artificial reflecting or swimming pools or other small ornamental bodies of water created by excavating and/or diking dry land to retain water for primarily aesthetic reasons. Water-filled depressions created in dry land incidental to construction activity and pits excavated in dry land for the purpose of obtaining fill, sand, or gravel unless and until the construction or excavation operation is abandoned and the resulting body of water meets the definition of waters of the United States found at 33 CFR 328.3(a). Isolated, intrastate wetland with no nexus to interstate commerce. Prior converted cropland, as determined by the Natural Resources Conservation Service. Explain rationale: Non-tidal drainage or irrigation ditches excavated on dry land. Explain rationale:
DATA F	Cother (explain): REVIEWED FOR JURSIDICTIONAL DETERMINATION (mark all that apply): Maps, plans, plots or plat submitted by or on behalf of the applicant. Data sheets prepared/submitted by or on behalf of the applicant. This office concurs with the delineation report, dated , prepared by (company): This office does not concur with the delineation report, dated , prepared by (company): Data sheets prepared by the Corps. Corps' navigable waters' studies: U.S. Geological Survey Hydrologic Atlas: U.S. Geological Survey 7.5 Minute Topographic maps: Vonore U.S. Geological Survey 7.5 Minute Historic quadrangles: U.S. Geological Survey 15 Minute Historic quadrangles: U.S. Geological Survey 15 Minute Historic quadrangles: U.S. Data Natural Resources Conservation Service Soil Survey: National wetlands inventory maps: State/Local wetland inventory maps: FEMA/FIRM maps (Map Name & Date): 100-year Floodplain Elevation is: (NGVD) Aerial Photographs (Name & Date): Other photographs (Date): Advanced Identification Wetland maps: Site visit/determination conducted on: Applicable/supporting case law: Other information (please specify):

¹Wetlands are identified and delineated using the methods and criteria established in the Corps Wetland Delineation Manual (87 Manual) (i.e., occurrence of hydrophytic vegetation, hydric soils and wetland hydrology).

²The term "adjacent" means bordering, contiguous, or neighboring. Wetlands separated from other waters of the U.S. by man-made dikes or barriers, natural river berms, beach dunes, and the like are also adjacent.

U.S. Army Corps of Engineers

DISTRICT OFFICE: CELRN **FILE NUMBER:** 2004-1729

	.,	, 200 . 1, 2,		
PROJ	ECT LOC	ATION INFORMATION:		
S	tate:	TN		
	County:	Loudon		
		linates of site (latitude/longit		N 35 40 38.15/ W 84 16 28.89
		e size of area (parcel) review		g uplands: 0.25 acres.
		rest waterway: Little Tenne	ssee River	
N	lame of wat	ershed: HUC 06010204		
HIDI	SDICTION	AL DETERMINATION		
		Desktop determination	\boxtimes	Date: Sept 21, 2004
	ompieteu.	Site visit(s)		Date(s):
		Site visit(s)		Date(s).
J	urisdiction	al Determination (JD):		
	Prelimin	nary JD - Based on available	information	n, \square there appear to be (or) \square there appear to be no "waters of the
		States" and/or "navigable wance 33 CFR part 331).	aters of the U	United States" on the project site. A preliminary JD is not appealable
F	71 .	110 4 110 1	1 1 1	.: (D. (
2			an appealable	e action (Reference 33 CFR part 331).
	Cneck a	all that apply:		
	The	re are "navigable waters of t	he United St	tates" (as defined by 33 CFR part 329 and associated guidance) within
		ewed area. Approximate siz		
	□ <i>Tl</i>		C4-4	J. G J. L. 22 CED+ 220 J i-+- Ji J)i d-i d
		ed area. Approximate size of		defined by 33 CFR part 328 and associated guidance) within the hal area:
	_			
	☐ Thei			ate waters or wetlands" within the reviewed area.
			rted by SWA	ANCC/Migratory Bird Rule Information Sheet for Determination of No
		Jurisdiction.		
BASIS	S OF JURI	SDICTIONAL DETERMI	NATION:	
Α	. Waters	defined under 33 CFR par	rt 329 as "n	avigable waters of the United States":
				b and flow of the tide and/or are presently used, or have been used in
	the past	, or may be susceptible for v	ise <u>to transp</u> o	ort interstate or foreign commerce.
ъ	. Waters	defined under 22 CED no	nt 228 2(a) a	s "waters of the United States":
_				used, or were used in the past, or may be susceptible to use in
_				ters which are subject to the ebb and flow of the tide.
		presence of interstate waters		
i i				ate lakes, rivers, streams (including intermittent streams), mudflats,
_				et meadows, playa lakes, or natural ponds, the use, degradation or
				merce including any such waters (check all that apply):
				or foreign travelers for recreational or other purposes.
				d be taken and sold in interstate or foreign commerce.
				al purposes by industries in interstate commerce.
		oundments of waters otherw		• • •
Ī	(5) The	presence of a tributary to a		
		presence of territorial seas.		
	(7) The	presence of wetlands adjace	ent ² to other	waters of the US, except for those wetlands adjacent to other wetlands.

Lat ⊠	eral Extent of Jurisdiction: (Reference: 33 CFR parts 328 and 329) Ordinary High Water Mark indicated by: ☐ clear, natural line impressed on the bank ☐ the presence of litter and debris ☐ changes in the character of soil ☐ destruction of terrestrial vegetation ☐ shelving ☐ other: normal summer pool Tellico Lake ☐ tidal gages ☐ other:
	Mean High Water Mark indicated by: ☐ survey to available datum; ☐ physical markings; ☐ vegetation lines/changes in vegetation types.
	Wetland boundaries, as shown on the attached wetland delineation map and/or in a delineation report prepared by:
Bas	The reviewed area consists entirely of uplands. Unable to confirm the presence of waters in 33 CFR part 328(a)(1, 2, or 4-7). Headquarters declined to approve jurisdiction on the basis of 33 CFR part 328.3(a)(3). The Corps has made a case-specific determination that the following waters present on the site are not Waters of the United States: Waste treatment systems, including treatment ponds or lagoons, pursuant to 33 CFR part 328.3. Artificially irrigated areas, which would revert to upland if the irrigation ceased. Artificial lakes and ponds created by excavating and/or diking dry land to collect and retain water and which are used exclusively for such purposes as stock watering, irrigation, settling basins, or rice growing. Artificial reflecting or swimming pools or other small ornamental bodies of water created by excavating and/or diking dry land to retain water for primarily aesthetic reasons. Water-filled depressions created in dry land incidental to construction activity and pits excavated in dry land for the purpose of obtaining fill, sand, or gravel unless and until the construction or excavation operation is abandoned and the resulting body of water meets the definition of waters of the United States found at 33 CFR 328.3(a). Isolated, intrastate wetland with no nexus to interstate commerce. Prior converted cropland, as determined by the Natural Resources Conservation Service. Explain rationale: Non-tidal drainage or irrigation ditches excavated on dry land. Explain rationale: Other (explain):
DATA I	Maps, plans, plots or plat submitted by or on behalf of the applicant. Data sheets prepared/submitted by or on behalf of the applicant. This office concurs with the delineation report, dated , prepared by (company): This office does not concur with the delineation report, dated , prepared by (company): Data sheets prepared by the Corps. Corps' navigable waters' studies: U.S. Geological Survey Hydrologic Atlas: U.S. Geological Survey 7.5 Minute Topographic maps: Loudon U.S. Geological Survey 7.5 Minute Historic quadrangles: U.S. Geological Survey 15 Minute Historic quadrangles: U.S. Geological Survey 15 Minute Historic quadrangles: U.S. Dealogical Survey 15 Minute Historic quadrangles: U.S. Geological Survey 16 Minute Historic quadrangle

¹Wetlands are identified and delineated using the methods and criteria established in the Corps Wetland Delineation Manual (87 Manual) (i.e., occurrence of hydrophytic vegetation, hydric soils and wetland hydrology).

²The term "adjacent" means bordering, contiguous, or neighboring. Wetlands separated from other waters of the U.S. by man-made dikes or barriers, natural river berms, beach dunes, and the like are also adjacent.

U.S. Army Corps of Engineers

DISTRICT OFFICE: Nashville

FILE N	UMBER: 200401696
Stat Cou Cen App Nar	CT LOCATION INFORMATION: te: Tennessee thty: Rutherford ther coordinates of site (latitude/longitude): 35-47-38 / 86-21-53 broximate size of area (parcel) reviewed, including uplands: 182 acres. the of nearest waterway: Lytle Creek there of watershed: Stones River
	Date: Site visit(s) Date: Date: Site visit(s) Date: Date: Date(s): 9/10/2004
Jur	isdictional Determination (JD):
	Preliminary JD - Based on available information, \square <i>there appear to be</i> (or) \square <i>there appear to be no</i> "waters of the United States" and/or "navigable waters of the United States" on the project site. A preliminary JD is not appealable (Reference 33 CFR part 331).
X	Approved JD – An approved JD is an appealable action (Reference 33 CFR part 331). Check all that apply:
	☐ <i>There are</i> "navigable waters of the United States" (as defined by 33 CFR part 329 and associated guidance) within the reviewed area. Approximate size of jurisdictional area:
	X <i>There are</i> "waters of the United States" (as defined by 33 CFR part 328 and associated guidance) within the reviewed area. Approximate size of jurisdictional area: 0.33 acre.
	▼ There are "isolated, non-navigable, intra-state waters or wetlands" within the reviewed area. □ Decision supported by SWANCC/Migratory Bird Rule Information Sheet for Determination of No Jurisdiction.
	OF JURISDICTIONAL DETERMINATION: Waters defined under 33 CFR part 329 as "navigable waters of the United States": The presence of waters that are subject to the ebb and flow of the tide and/or are presently used, or have been used in the past, or may be susceptible for use to transport interstate or foreign commerce.
B.	Waters defined under 33 CFR part 328.3(a) as "waters of the United States": (1) The presence of waters, which are currently used, or were used in the past, or may be susceptible to use in interstate or foreign commerce, including all waters which are subject to the ebb and flow of the tide. (2) The presence of interstate waters including interstate wetlands. (3) The presence of other waters such as intrastate lakes, rivers, streams (including intermittent streams), mudflats, sandflats, wetlands, sloughs, prairie potholes, wet meadows, playa lakes, or natural ponds, the use, degradation or destruction of which could affect interstate commerce including any such waters (check all that apply): (i) which are or could be used by interstate or foreign travelers for recreational or other purposes. (ii) from which fish or shellfish are or could be taken and sold in interstate or foreign commerce. (iii) which are or could be used for industrial purposes by industries in interstate commerce. (4) Impoundments of waters otherwise defined as waters of the US. (5) The presence of a tributary to a water identified in (1) – (4) above. (6) The presence of wetlands adjacent² to other waters of the US, except for those wetlands adjacent to other wetlands.

Rationale for the Basis of Jurisdictional Determination (applies to any boxes checked above). If the jurisdictional water or wetland is not itself a navigable water of the United States, describe connection(s) to the downstream navigable waters. If B(1) or B(3) is used as the Basis of Jurisdiction, document navigability and/or interstate commerce connection (i.e., discuss site conditions, including why the waterbody is navigable and/or how the destruction of the waterbody could affect interstate or foreign commerce). If B(2, 4, 5 or 6) is used as the Basis of Jurisdiction, document the rationale used to make the determination. If B(7) is used as the Basis of Jurisdiction, document the rationale used to make adjacency determination:

The wetlands were connected to Lytle Creek by a dry streambed which had a defined bed and bank. These two wetland sites totalled 0.33 acre. There were other wetlands within the 182-acre tract which were not jurisdictional, because they were not connected to jurisdictional waters of the United States. The applicant proposes to mitigate for the total loss of wetlands.

La X	Ordinary High Water Mark indicated by: X clear, natural line impressed on the bank the presence of litter and debris changes in the character of soil X destruction of terrestrial vegetation shelving other: High Tide Line indicated by: Oil or scum line along shore objects fine shell or debris deposits (foreshore) physical markings/characteristics tidal gages other:
X	Mean High Water Mark indicated by: ☐ survey to available datum; ☐ physical markings; X vegetation lines/changes in vegetation types. Wetland boundaries, as shown on the attached wetland delineation map and/or in a delineation report prepared by:
Ba	The reviewed area consists entirely of uplands. Unable to confirm the presence of waters in 33 CFR part 328(a)(1, 2, or 4-7). Headquarters declined to approve jurisdiction on the basis of 33 CFR part 328.3(a)(3). The Corps has made a case-specific determination that the following waters present on the site are not Waters of the United States: Waste treatment systems, including treatment ponds or lagoons, pursuant to 33 CFR part 328.3. Artificially irrigated areas, which would revert to upland if the irrigation ceased. Artificial lakes and ponds created by excavating and/or diking dry land to collect and retain water and which are used exclusively for such purposes as stock watering, irrigation, settling basins, or rice growing. Artificial reflecting or swimming pools or other small ornamental bodies of water created by excavating and/or diking dry land to retain water for primarily aesthetic reasons. Water-filled depressions created in dry land incidental to construction activity and pits excavated in dry land for the purpose of obtaining fill, sand, or gravel unless and until the construction or excavation operation is abandoned and the resulting body of water meets the definition of waters of the United States found at 33 CFR 328.3(a). Isolated, intrastate wetland with no nexus to interstate commerce. Prior converted cropland, as determined by the Natural Resources Conservation Service. Explain rationale: Non-tidal drainage or irrigation ditches excavated on dry land. Explain rationale: Other (explain):
X X	REVIEWED FOR JURSIDICTIONAL DETERMINATION (mark all that apply): Maps, plans, plots or plat submitted by or on behalf of the applicant. Data sheets prepared/submitted by or on behalf of the applicant. X This office concurs with the delineation report, dated 08/09/04, prepared by company: Griggs and Maloney, Inc. This office does not concur with the delineation report, dated Data sheets prepared by the Corps. Corps' navigable waters' studies: U.S. Geological Survey Hydrologic Atlas: U.S. Geological Survey 7.5 Minute Topographic maps: U.S. Geological Survey 7.5 Minute Historic quadrangles: U.S. Geological Survey 15 Minute Historic quadrangles: U.S. Actual Resources Conservation Service Soil Survey: National wetlands inventory maps: State/Local wetland inventory maps: FEMA/FIRM maps (Map Name & Date): 100-year Floodplain Elevation is: (NGVD) Aerial Photographs (Name & Date): Other photographs (Date): Advanced Identification Wetland maps: Site visit/determination conducted on: 09/10/04 Applicable/supporting case law: Other information (please specify):

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¹Wetlands are identified and delineated using the methods and criteria established in the Corps Wetland Delineation Manual (87 Manual) (i.e., occurrence of hydrophytic vegetation, hydric soils and wetland hydrology).

²The term "adjacent" means bordering, contiguous, or neighboring. Wetlands separated from other waters of the U.S. by man-made dikes or barriers, natural river berms, beach dunes, and the like are also adjacent.

U.S. Army Corps of Engineers

DISTRICT OFFICE: Nashville **FILE NUMBER:** 2004-01693

Sta	
Cer Ap Na	unty: Grundy nter coordinates of site (latitude/longitude): 35 14 19.80/85 52 34.92 proximate size of area (parcel) reviewed, including uplands: acres. me of nearest waterway: Elk River me of watershed: 06030003 Elk River
	DICTIONAL DETERMINATION mpleted: Desktop determination
Ju	risdictional Determination (JD):
	Preliminary JD - Based on available information, \(\subseteq \text{ there appear to be (or) } \subseteq there appear to be no "waters of the United States" and/or "navigable waters of the United States" on the project site. A preliminary JD is not appealable (Reference 33 CFR part 331).
	Approved JD – An approved JD is an appealable action (Reference 33 CFR part 331). Check all that apply:
	There are "navigable waters of the United States" (as defined by 33 CFR part 329 and associated guidance) within the reviewed area. Approximate size of jurisdictional area:
	There are "waters of the United States" (as defined by 33 CFR part 328 and associated guidance) within the reviewed area. Approximate size of jurisdictional area:
	 There are "isolated, non-navigable, intra-state waters or wetlands" within the reviewed area. Decision supported by SWANCC/Migratory Bird Rule Information Sheet for Determination of No Jurisdiction.
BASIS	OF JURISDICTIONAL DETERMINATION:
A.	Waters defined under 33 CFR part 329 as "navigable waters of the United States": The presence of waters that are subject to the ebb and flow of the tide and/or are presently used, or have been used in the past, or may be susceptible for use to transport interstate or foreign commerce.
B. □	1
	(3) The presence of other waters such as intrastate lakes, rivers, streams (including intermittent streams), mudflats, sandflats, wetlands, sloughs, prairie potholes, wet meadows, playa lakes, or natural ponds, the use, degradation or destruction of which could affect interstate commerce including any such waters (check all that apply): (i) which are or could be used by interstate or foreign travelers for recreational or other purposes. (ii) from which fish or shellfish are or could be taken and sold in interstate or foreign commerce.
	(iii) which are or could be used for industrial purposes by industries in interstate commerce. (4) Impoundments of waters otherwise defined as waters of the US. (5) The presence of a tributary to a water identified in (1) – (4) above. (6) The presence of territorial seas. (7) The presence of wetlands adjacent² to other waters of the US, except for those wetlands adjacent to other wetlands.
	(1) The presence of wettailus aujacent to other waters of the O.S., except for those wettailus aujacent to other wettailus.

Lat ⊠	Ordinary High Water Mark indicated by: clear, natural line impressed on the bank miles of the presence of litter and debris miles of the presence of litter and debris miles of the presence of litter and debris miles of the physical markings/characteristics miles of the physical markings/characteristics miles of the physical markings miles of th
	Mean High Water Mark indicated by: ☐ survey to available datum; ☐ physical markings; ☐ vegetation lines/changes in vegetation types.
	Wetland boundaries, as shown on the attached wetland delineation map and/or in a delineation report prepared by:
Bas	The reviewed area consists entirely of uplands. Unable to confirm the presence of waters in 33 CFR part 328(a)(1, 2, or 4-7). Headquarters declined to approve jurisdiction on the basis of 33 CFR part 328.3(a)(3). The Corps has made a case-specific determination that the following waters present on the site are not Waters of the United States: Waste treatment systems, including treatment ponds or lagoons, pursuant to 33 CFR part 328.3. Artificially irrigated areas, which would revert to upland if the irrigation ceased. Artificial lakes and ponds created by excavating and/or diking dry land to collect and retain water and which are used exclusively for such purposes as stock watering, irrigation, settling basins, or rice growing. Artificial reflecting or swimming pools or other small ornamental bodies of water created by excavating and/or diking dry land to retain water for primarily aesthetic reasons. Water-filled depressions created in dry land incidental to construction activity and pits excavated in dry land for the purpose of obtaining fill, sand, or gravel unless and until the construction or excavation operation is abandoned and the resulting body of water meets the definition of waters of the United States found at 33 CFR 328.3(a). Isolated, intrastate wetland with no nexus to interstate commerce. Prior converted cropland, as determined by the Natural Resources Conservation Service. Explain rationale: Non-tidal drainage or irrigation ditches excavated on dry land. Explain rationale: Other (explain):
DATA I	REVIEWED FOR JURSIDICTIONAL DETERMINATION (mark all that apply): Maps, plans, plots or plat submitted by or on behalf of the applicant. Data sheets prepared/submitted by or on behalf of the applicant. This office concurs with the delineation report, dated , prepared by (company): This office does not concur with the delineation report, dated , prepared by (company): Data sheets prepared by the Corps. Corps' navigable waters' studies: U.S. Geological Survey Hydrologic Atlas: U.S. Geological Survey 7.5 Minute Topographic maps: U.S. Geological Survey 7.5 Minute Historic quadrangles: U.S. Geological Survey 15 Minute Historic quadrangles: U.S. Geological Survey 15 Minute Historic quadrangles: U.S. Geological Survey 15 Minute Historic soil Survey: National wetlands inventory maps: State/Local wetland inventory maps: FEMA/FIRM maps (Map Name & Date): 100-year Floodplain Elevation is: (NGVD) Aerial Photographs (Date): Advanced Identification Wetland maps: Site visit/determination conducted on: Applicable/supporting case law: Other information (please specify): Provided by applicant. GIS Data

¹Wetlands are identified and delineated using the methods and criteria established in the Corps Wetland Delineation Manual (87 Manual) (i.e., occurrence of hydrophytic vegetation, hydric soils and wetland hydrology).

²The term "adjacent" means bordering, contiguous, or neighboring. Wetlands separated from other waters of the U.S. by man-made dikes or barriers, natural river berms, beach dunes, and the like are also adjacent.

U.S. Army Corps of Engineers

DISTRICT OFFICE: Nashville **FILE NUMBER:** 2004-01692

PROJE	CT LOCATION INFORMATION:
Stat	e: TN
Cou	inty: Henry
Cen	tter coordinates of site (latitude/longitude):
App	proximate size of area (parcel) reviewed, including uplands: acres.
Nar	ne of nearest waterway: East Fork Clarks River
Nar	ne of watershed: 6040005 Tennessee River
	ICTIONAL DETERMINATION
Cor	npleted: Desktop determination Date: 20 Sep 04
	Site visit(s) Date(s):
Jur	isdictional Determination (JD):
\bowtie	Preliminary JD - Based on available information, \(\subseteq \text{ there appear to be (or) } \subseteq there appear to be no "waters of the or the
_	United States" and/or "navigable waters of the United States" on the project site. A preliminary JD is not appealable
	(Reference 33 CFR part 331).
	Approved JD – An approved JD is an appealable action (Reference 33 CFR part 331).
	Check all that apply:
	_
	There are "navigable waters of the United States" (as defined by 33 CFR part 329 and associated guidance) within
	the reviewed area. Approximate size of jurisdictional area: .
	TT
	There are "waters of the United States" (as defined by 33 CFR part 328 and associated guidance) within the reviewed area. Approximate size of jurisdictional area:
	reviewed area. Approximate size of jurisdictional area.
	☐ There are "isolated, non-navigable, intra-state waters or wetlands" within the reviewed area.
	Decision supported by SWANCC/Migratory Bird Rule Information Sheet for Determination of No.
	Jurisdiction.
BASIS (OF JURISDICTIONAL DETERMINATION:
Α.	Waters defined under 33 CFR part 329 as "navigable waters of the United States":
	The presence of waters that are subject to the ebb and flow of the tide and/or are presently used, or have been used in
	the past, or may be susceptible for use to transport interstate or foreign commerce.
_	
В.	Waters defined under 33 CFR part 328.3(a) as "waters of the United States":
	(1) The presence of waters, which are currently used, or were used in the past, or may be susceptible to use in
	interstate or foreign commerce, including all waters which are subject to the ebb and flow of the tide.
H	(2) The presence of interstate waters including interstate wetlands ¹ .
	(3) The presence of other waters such as intrastate lakes, rivers, streams (including intermittent streams), mudflats, sandflats, wetlands, sloughs, prairie potholes, wet meadows, playa lakes, or natural ponds, the use, degradation or
	destruction of which could affect interstate commerce including any such waters (check all that apply):
	(i) which are or could be used by interstate or foreign travelers for recreational or other purposes.
	(i) from which fish or shellfish are or could be taken and sold in interstate or foreign commerce.
	(iii) which are or could be used for industrial purposes by industries in interstate commerce.
	(4) Impoundments of waters otherwise defined as waters of the US.
\bowtie	(5) The presence of a tributary to a water identified in (1) – (4) above.
	(6) The presence of territorial seas.
	(7) The presence of wetlands adjacent ² to other waters of the US, except for those wetlands adjacent to other wetlands
_	(, , ,)

Lat ⊠	Ordinary High Water Mark indicated by: I clear, natural line impressed on the bank I the presence of litter and debris I changes in the character of soil I destruction of terrestrial vegetation I shelving I other: Ordinary High Water Mark indicated by: I High Tide Line indicated by: I did line indicated by: I high Tide Line indicated by: I oil or scum line along shore objects I fine shell or debris deposits (foreshore) I physical markings/characteristics I tidal gages I other: I other:
	Mean High Water Mark indicated by: ☐ survey to available datum; ☐ physical markings; ☐ vegetation lines/changes in vegetation types.
	Wetland boundaries, as shown on the attached wetland delineation map and/or in a delineation report prepared by:
Bas	The reviewed area consists entirely of uplands. Unable to confirm the presence of waters in 33 CFR part 328(a)(1, 2, or 4-7). Headquarters declined to approve jurisdiction on the basis of 33 CFR part 328.3(a)(3). The Corps has made a case-specific determination that the following waters present on the site are not Waters of the United States: Waste treatment systems, including treatment ponds or lagoons, pursuant to 33 CFR part 328.3. Artificially irrigated areas, which would revert to upland if the irrigation ceased. Artificial lakes and ponds created by excavating and/or diking dry land to collect and retain water and which are used exclusively for such purposes as stock watering, irrigation, settling basins, or rice growing. Artificial reflecting or swimming pools or other small ornamental bodies of water created by excavating and/or diking dry land to retain water for primarily aesthetic reasons. Water-filled depressions created in dry land incidental to construction activity and pits excavated in dry land for the purpose of obtaining fill, sand, or gravel unless and until the construction or excavation operation is abandoned and the resulting body of water meets the definition of waters of the United States found at 33 CFR 328.3(a). Isolated, intrastate wetland with no nexus to interstate commerce. Prior converted cropland, as determined by the Natural Resources Conservation Service. Explain rationale: Non-tidal drainage or irrigation ditches excavated on dry land. Explain rationale: Other (explain):
DATA I	REVIEWED FOR JURSIDICTIONAL DETERMINATION (mark all that apply): Maps, plans, plots or plat submitted by or on behalf of the applicant. Data sheets prepared/submitted by or on behalf of the applicant. This office concurs with the delineation report, dated , prepared by (company): This office does not concur with the delineation report, dated , prepared by (company): Data sheets prepared by the Corps. Corps' navigable waters' studies: U.S. Geological Survey Hydrologic Atlas: U.S. Geological Survey 7.5 Minute Topographic maps: U.S. Geological Survey 7.5 Minute Historic quadrangles: U.S. Geological Survey 15 Minute Historic quadrangles: U.S. A Sological Survey 15 Minute Historic quadrangles: U.S. A Natural Resources Conservation Service Soil Survey: National wetlands inventory maps: State/Local wetland inventory maps: FEMA/FIRM maps (Map Name & Date): 100-year Floodplain Elevation is: (NGVD) Aerial Photographs (Name & Date): Other photographs (Name & Date): Advanced Identification Wetland maps: Site visit/determination conducted on: Applicable/supporting case law: Other information (please specify): Information submitted by applicant

¹Wetlands are identified and delineated using the methods and criteria established in the Corps Wetland Delineation Manual (87 Manual) (i.e., occurrence of hydrophytic vegetation, hydric soils and wetland hydrology).

²The term "adjacent" means bordering, contiguous, or neighboring. Wetlands separated from other waters of the U.S. by man-made dikes or barriers, natural river berms, beach dunes, and the like are also adjacent.

U.S. Army Corps of Engineers

DISTRICT OFFICE: Nashville District

FILE N	J MBER: 200401643						
Stat Cou Cen App Nan	ct Location information: e: Tennessee nty: Campbell ter coordinates of site (latitude/longitude): N36-19-46.3, W84-01-44.7 proximate size of area (parcel) reviewed, including uplands: acres. ne of nearest waterway: ne of watershed:						
	ICTIONAL DETERMINATION npleted: Desktop determination						
	Site visit(s) Date(s):						
Jur	isdictional Determination (JD):						
	Preliminary JD - Based on available information, \square <i>there appear to be</i> (or) \square <i>there appear to be no</i> "waters of the United States" and/or "navigable waters of the United States" on the project site. A preliminary JD is not appealable (Reference 33 CFR part 331).						
	Approved JD – An approved JD is an appealable action (Reference 33 CFR part 331). Check all that apply:						
	Mathematical Math						
	There are "waters of the United States" (as defined by 33 CFR part 328 and associated guidance) within the reviewed area. Approximate size of jurisdictional area:						
	There are "isolated, non-navigable, intra-state waters or wetlands" within the reviewed area. Decision supported by SWANCC/Migratory Bird Rule Information Sheet for Determination of No Jurisdiction.						
	OF JURISDICTIONAL DETERMINATION: Waters defined under 33 CFR part 329 as "navigable waters of the United States": The presence of waters that are subject to the ebb and flow of the tide and/or are presently used, or have been used in the past, or may be susceptible for use to transport interstate or foreign commerce.						
B. ⊠	Waters defined under 33 CFR part 328.3(a) as "waters of the United States": (1) The presence of waters, which are currently used, or were used in the past, or may be susceptible to use in interstate or foreign commerce, including all waters which are subject to the ebb and flow of the tide. (2) The presence of interstate waters including interstate wetlands ¹ .						
ä	 (3) The presence of other waters such as intrastate lakes, rivers, streams (including intermittent streams), mudflats, sandflats, wetlands, sloughs, prairie potholes, wet meadows, playa lakes, or natural ponds, the use, degradation or destruction of which could affect interstate commerce including any such waters (check all that apply): (i) which are or could be used by interstate or foreign travelers for recreational or other purposes. (ii) from which fish or shellfish are or could be taken and sold in interstate or foreign commerce. (iii) which are or could be used for industrial purposes by industries in interstate commerce. 						
	 (4) Impoundments of waters otherwise defined as waters of the US. (5) The presence of a tributary to a water identified in (1) – (4) above. (6) The presence of territorial seas. (7) The presence of wetlands adjacent² to other waters of the US, except for those wetlands adjacent to other wetlands. 						

	teral Extent of Jurisdiction: (Reference: 33 CFR parts 328 and 329) Ordinary High Water Mark indicated by: High Tide Line indicated by:
	☐ clear, natural line impressed on the bank ☐ oil or scum line along shore objects
	the presence of litter and debris fine shell or debris deposits (foreshore)
	changes in the character of soil physical markings/characteristics
	destruction of terrestrial vegetation tidal gages
	shelving other:
	other: Normal Summer Pool Elevation as defined by the TVA
	Mean High Water Mark indicated by:
	□ survey to available datum; □ physical markings; □ vegetation lines/changes in vegetation types.
	Wetland boundaries, as shown on the attached wetland delineation map and/or in a delineation report prepared by:
Ba	sis For Not Asserting Jurisdiction:
	The reviewed area consists entirely of uplands.
	Unable to confirm the presence of waters in 33 CFR part 328(a)(1, 2, or 4-7).
	Headquarters declined to approve jurisdiction on the basis of 33 CFR part 328.3(a)(3).
	The Corps has made a case-specific determination that the following waters present on the site are not Waters of the
	United States: Weste treatment greaters including treatment mands or leasens, purguent to 22 CEP part 228 2
	 Waste treatment systems, including treatment ponds or lagoons, pursuant to 33 CFR part 328.3. □ Artificially irrigated areas, which would revert to upland if the irrigation ceased.
	Artificially irrigated areas, which would revert to upland if the irrigation ceased. Artificial lakes and ponds created by excavating and/or diking dry land to collect and
	retain water and which are used exclusively for such purposes as stock watering, irrigation, settling basins, or
	rice growing.
	Artificial reflecting or swimming pools or other small ornamental bodies of water created
	by excavating and/or diking dry land to retain water for primarily aesthetic reasons.
	Water-filled depressions created in dry land incidental to construction activity and pits excavated in dry land for
	the purpose of obtaining fill, sand, or gravel unless and until the construction or excavation operation is
	abandoned and the resulting body of water meets the definition of waters of the United States found at 33 CFR 328.3(a).
	Isolated, intrastate wetland with no nexus to interstate commerce.
	Prior converted cropland, as determined by the Natural Resources Conservation Service. Explain rationale:
	Non-tidal drainage or irrigation ditches excavated on dry land. Explain rationale:
	Other (explain):
рата :	REVIEWED FOR JURSIDICTIONAL DETERMINATION (mark all that apply):
Ħ	Data sheets prepared/submitted by or on behalf of the applicant.
_	☐ This office concurs with the delineation report, dated , prepared by (company):
	This office does not concur with the delineation report, dated , prepared by (company):
	Data sheets prepared by the Corps.
	Corps' navigable waters' studies:
	U.S. Geological Survey Hydrologic Atlas:
\boxtimes	U.S. Geological Survey 7.5 Minute Topographic maps:
	U.S. Geological Survey 7.5 Minute Historic quadrangles:
	U.S. Geological Survey 15 Minute Historic quadrangles:
	USDA Natural Resources Conservation Service Soil Survey:
\vdash	National wetlands inventory maps:
님	State/Local wetland inventory maps:
	FEMA/FIRM maps (Map Name & Date): 100-year Floodplain Elevation is: (NGVD)
	Aerial Photographs (Name & Date):
	Aerial Photographs (Name & Date): Other photographs (Date):
	Other photographs (Date):
	Other photographs (Date): Advanced Identification Wetland maps:
	Other photographs (Date):

¹Wetlands are identified and delineated using the methods and criteria established in the Corps Wetland Delineation Manual (87 Manual) (i.e., occurrence of hydrophytic vegetation, hydric soils and wetland hydrology).

²The term "adjacent" means bordering, contiguous, or neighboring. Wetlands separated from other waters of the U.S. by man-made dikes or barriers, natural river berms, beach dunes, and the like are also adjacent.

U.S. Army Corps of Engineers

DISTRICT OFFICE: Nashville District **FILE NUMBER:** 200401642

	State Cour Cent App Nam		Tennesse Anderson ates of sit ize of area st waterw	e e (latitude/ a (parcel) r	longitude eviewed, River		N36-16-16.8, uplands:	W84-02-36.2 acres.	2		
		ICTIONA apleted:		determinati		\boxtimes	Date: 09/23/20 Date(s):	004			
J	Juri	sdictional	Determi	nation (JD):						
I		Prelimina United Sta	ry JD - Ba ates" and/	ased on ava	ilable inf					ar to be no "waters of nary JD is not appear	
[\boxtimes	Approved Check all			D is an a	ppealable	action (Refere	nce 33 CFR p	part 331).		
				gable wate Approxima				d by 33 CFR ;	part 329 and as	ssociated guidance) v	within
				ers of the U proximate s				FR part 328 a	and associated §	guidance) within the	
			are "isolo		upported		te waters or we NCC/Migratory			area. et for Determination	of No
	4.	The presen	efined un	der 33 CF ters that are	R part 3 2 e subject t	29 as "na to the ebb	wigable waters and flow of th rt interstate or f	e tide and/or a	are presently us	sed, or have been use	ed in
_		(1) The pr	resence of	waters, wh	nich are c	urrently u	s "waters of the used, or were users which are s	ed in the past	t, or may be sus	sceptible to use in f the tide.	
[(3) The pr sandflats, destructio (i) wl (ii) fr	resence of wetlands, n of whic hich are o rom which	other wate sloughs, p h could aff r could be a fish or she	ers such as prairie pot ect interst used by ir ellfish are	s intrastat holes, we tate comm nterstate of or could	t meadows, pla nerce including or foreign trave be taken and so	streams (incluya lakes, or nany such waters for recreated in intersta	atural ponds, there (check all the tional or other to or foreign co	purposes.	
]]]		(4) Impou(5) The pr(6) The pr	ndments e esence of esence of	of waters o a tributary territorial	therwise of to a water seas.	defined as er identifi	I purposes by its waters of the ed in $(1) - (4)$ avaters of the US	US. lbove.		erce. adjacent to other we	tlands.

	teral Extent of Jurisdiction: (Reference: 33 CFR parts 328 and 329) Ordinary High Water Mark indicated by: High Tide Line indicated by:
	☐ clear, natural line impressed on the bank ☐ oil or scum line along shore objects
	the presence of litter and debris fine shell or debris deposits (foreshore)
	changes in the character of soil physical markings/characteristics
	destruction of terrestrial vegetation tidal gages
	shelving other:
	other: Normal Summer Pool Elevation as defined by the TVA
	Mean High Water Mark indicated by:
	□ survey to available datum; □ physical markings; □ vegetation lines/changes in vegetation types.
	Wetland boundaries, as shown on the attached wetland delineation map and/or in a delineation report prepared by:
Ba	sis For Not Asserting Jurisdiction:
	The reviewed area consists entirely of uplands.
	Unable to confirm the presence of waters in 33 CFR part 328(a)(1, 2, or 4-7).
	Headquarters declined to approve jurisdiction on the basis of 33 CFR part 328.3(a)(3).
	The Corps has made a case-specific determination that the following waters present on the site are not Waters of the
	United States: Weste treatment greaters including treatment mands or leasens, purguent to 22 CEP part 228 2
	 Waste treatment systems, including treatment ponds or lagoons, pursuant to 33 CFR part 328.3. □ Artificially irrigated areas, which would revert to upland if the irrigation ceased.
	Artificially irrigated areas, which would revert to upland if the irrigation ceased. Artificial lakes and ponds created by excavating and/or diking dry land to collect and
	retain water and which are used exclusively for such purposes as stock watering, irrigation, settling basins, or
	rice growing.
	Artificial reflecting or swimming pools or other small ornamental bodies of water created
	by excavating and/or diking dry land to retain water for primarily aesthetic reasons.
	Water-filled depressions created in dry land incidental to construction activity and pits excavated in dry land for
	the purpose of obtaining fill, sand, or gravel unless and until the construction or excavation operation is
	abandoned and the resulting body of water meets the definition of waters of the United States found at 33 CFR 328.3(a).
	Isolated, intrastate wetland with no nexus to interstate commerce.
	Prior converted cropland, as determined by the Natural Resources Conservation Service. Explain rationale:
	Non-tidal drainage or irrigation ditches excavated on dry land. Explain rationale:
	Other (explain):
рата :	REVIEWED FOR JURSIDICTIONAL DETERMINATION (mark all that apply):
Ħ	Data sheets prepared/submitted by or on behalf of the applicant.
_	☐ This office concurs with the delineation report, dated , prepared by (company):
	This office does not concur with the delineation report, dated , prepared by (company):
	Data sheets prepared by the Corps.
	Corps' navigable waters' studies:
	U.S. Geological Survey Hydrologic Atlas:
\boxtimes	U.S. Geological Survey 7.5 Minute Topographic maps:
	U.S. Geological Survey 7.5 Minute Historic quadrangles:
	U.S. Geological Survey 15 Minute Historic quadrangles:
	USDA Natural Resources Conservation Service Soil Survey:
\vdash	National wetlands inventory maps:
님	State/Local wetland inventory maps:
	FEMA/FIRM maps (Map Name & Date): 100-year Floodplain Elevation is: (NGVD)
	Aerial Photographs (Name & Date):
	Aerial Photographs (Name & Date): Other photographs (Date):
	Other photographs (Date):
	Other photographs (Date): Advanced Identification Wetland maps:
	Other photographs (Date):

¹Wetlands are identified and delineated using the methods and criteria established in the Corps Wetland Delineation Manual (87 Manual) (i.e., occurrence of hydrophytic vegetation, hydric soils and wetland hydrology).

²The term "adjacent" means bordering, contiguous, or neighboring. Wetlands separated from other waters of the U.S. by man-made dikes or barriers, natural river berms, beach dunes, and the like are also adjacent.

U.S. Army Corps of Engineers

DISTRICT OFFICE: Nashville **FILE NUMBER:** 200401634

Stat Cou Cen App Nan	te: Tennessee unty: Marshall nter coordinates of site (latitude/longitude): 35-21-17 / 86-44-38 proximate size of area (parcel) reviewed, including uplands: 0 acres. me of nearest waterway: Richland Creek me of watershed: Elk River	
	DICTIONAL DETERMINATION mpleted: Desktop determination	
Jur	risdictional Determination (JD):	
	Preliminary JD - Based on available information, \(\subseteq \text{there appear to be (or) } \subseteq there appear to be no "waters of the United States" and/or "navigable waters of the United States" on the project site. A preliminary JD is not appealab (Reference 33 CFR part 331).	
\boxtimes	Approved JD – An approved JD is an appealable action (Reference 33 CFR part 331). Check all that apply:	
	There are "navigable waters of the United States" (as defined by 33 CFR part 329 and associated guidance) with the reviewed area. Approximate size of jurisdictional area:	nin
	☑ <i>There are</i> "waters of the United States" (as defined by 33 CFR part 328 and associated guidance) within the reviewed area. Approximate size of jurisdictional area:	
	There are "isolated, non-navigable, intra-state waters or wetlands" within the reviewed area. Decision supported by SWANCC/Migratory Bird Rule Information Sheet for Determination of Jurisdiction.	No
BASIS (OF JURISDICTIONAL DETERMINATION: Waters defined under 33 CFR part 329 as "navigable waters of the United States": The presence of waters that are subject to the ebb and flow of the tide and/or are presently used, or have been used the past, or may be susceptible for use to transport interstate or foreign commerce.	n
B. □ □	Waters defined under 33 CFR part 328.3(a) as "waters of the United States": (1) The presence of waters, which are currently used, or were used in the past, or may be susceptible to use in interstate or foreign commerce, including all waters which are subject to the ebb and flow of the tide. (2) The presence of interstate waters including interstate wetlands. (3) The presence of other waters such as intrastate lakes, rivers, streams (including intermittent streams), mudflats, sandflats, wetlands, sloughs, prairie potholes, wet meadows, playa lakes, or natural ponds, the use, degradation or destruction of which could affect interstate commerce including any such waters (check all that apply): (i) which are or could be used by interstate or foreign travelers for recreational or other purposes. (ii) from which fish or shellfish are or could be taken and sold in interstate or foreign commerce. (iii) which are or could be used for industrial purposes by industries in interstate commerce.	
	 (4) Impoundments of waters otherwise defined as waters of the US. (5) The presence of a tributary to a water identified in (1) – (4) above. (6) The presence of territorial seas. (7) The presence of wetlands adjacent² to other waters of the US, except for those wetlands adjacent to other wetlands. 	ıds.

Lat	teral Extent of Jurisdiction: (Reference: 33 CFR parts 328 and 329) Ordinary High Water Mark indicated by: Clear, natural line impressed on the bank the presence of litter and debris changes in the character of soil destruction of terrestrial vegetation shelving other: High Tide Line indicated by: oil or scum line along shore objects fine shell or debris deposits (foreshore) physical markings/characteristics tidal gages other:	
	Mean High Water Mark indicated by: ⊠ survey to available datum; □ physical markings; □ vegetation lines/changes in vegetation types.	
	Wetland boundaries, as shown on the attached wetland delineation map and/or in a delineation report prepare	ed by:
Bas	Sis For Not Asserting Jurisdiction: The reviewed area consists entirely of uplands. Unable to confirm the presence of waters in 33 CFR part 328(a)(1, 2, or 4-7). Headquarters declined to approve jurisdiction on the basis of 33 CFR part 328.3(a)(3). The Corps has made a case-specific determination that the following waters present on the site are not Water United States: Waste treatment systems, including treatment ponds or lagoons, pursuant to 33 CFR part 328.3. Artificially irrigated areas, which would revert to upland if the irrigation ceased. Artificial lakes and ponds created by excavating and/or diking dry land to collect and retain water and which are used exclusively for such purposes as stock watering, irrigation, settling brice growing. Artificial reflecting or swimming pools or other small ornamental bodies of water created by excavating and/or diking dry land to retain water for primarily aesthetic reasons. Water-filled depressions created in dry land incidental to construction activity and pits excavated in drepurpose of obtaining fill, sand, or gravel unless and until the construction or excavation operation abandoned and the resulting body of water meets the definition of waters of the United States found a 328.3(a). Isolated, intrastate wetland with no nexus to interstate commerce. Prior converted cropland, as determined by the Natural Resources Conservation Service. Explain rationale: Non-tidal drainage or irrigation ditches excavated on dry land. Explain rationale: Other (explain):	asins, or lry land for is at 33 CFR
DATA I	REVIEWED FOR JURSIDICTIONAL DETERMINATION (mark all that apply): Maps, plans, plots or plat submitted by or on behalf of the applicant. Data sheets prepared/submitted by or on behalf of the applicant. This office concurs with the delineation report, dated , prepared by (company): This office does not concur with the delineation report, dated , prepared by (company): Data sheets prepared by the Corps. Corps' navigable waters' studies: U.S. Geological Survey Hydrologic Atlas: U.S. Geological Survey 7.5 Minute Topographic maps: U.S. Geological Survey 7.5 Minute Historic quadrangles: U.S. Geological Survey 15 Minute Historic quadrangles: U.S. A Natural Resources Conservation Service Soil Survey: National wetlands inventory maps: State/Local wetland inventory maps: FEMA/FIRM maps (Map Name & Date): 100-year Floodplain Elevation is: (NGVD) Aerial Photographs (Name & Date): Other photographs (Date): Advanced Identification Wetland maps: Site visit/determination conducted on: Applicable/supporting case law: Other information (please specify):	

¹Wetlands are identified and delineated using the methods and criteria established in the Corps Wetland Delineation Manual (87 Manual) (i.e., occurrence of hydrophytic vegetation, hydric soils and wetland hydrology).

²The term "adjacent" means bordering, contiguous, or neighboring. Wetlands separated from other waters of the U.S. by man-made dikes or barriers, natural river berms, beach dunes, and the like are also adjacent.

U.S. Army Corps of Engineers

DISTRICT OFFICE: Nashville District **FILE NUMBER:** 200401630

	01,12211	200.01000							
PROJE	CT LOCA	ATION INFORMATION:							
Sta	ite:	Tennessee							
	unty:	Sevier							
		nates of site (latitude/longitude		N35-43-24.54, W83-38-4.82					
		size of area (parcel) reviewed	l, including	guplands: acres.					
		est waterway: Cove Creek							
Na	me of wate	ershed: Little Pigeon Rive	er						
HIRISI	DICTION	AL DETERMINATION							
		Desktop determination	\boxtimes	Date: 09/23/2004					
Co	приссе	Site visit(s)		Date(s):					
		Site visit(s)		Date(s).					
Ju	risdictiona	l Determination (JD):							
	Prelimina	ary JD - Based on available in	nformation	, \square there appear to be (or) \square there appear to be no "waters of the					
		tates" and/or "navigable wate ce 33 CFR part 331).	ers of the U	nited States" on the project site. A preliminary JD is not appealable					
\boxtimes	Approve	d ID – An approved ID is an	annealable	action (Reference 33 CFR part 331).					
		l that apply:	иррешиоте	action (Reference 33 CTR pair 331).					
	☐ There	are "navigable waters of the	United Sta	ates" (as defined by 33 CFR part 329 and associated guidance) within					
	the revie	wed area. Approximate size	of jurisdict	ional area: .					
		e are "waters of the United St I area. Approximate size of ju		lefined by 33 CFR part 328 and associated guidance) within the al area:					
	☐ There	e are "isolated, non-navigabl	e. intra-sta	te waters or wetlands" within the reviewed area.					
 There are "isolated, non-navigable, intra-state waters or wetlands" within the reviewed area. Decision supported by SWANCC/Migratory Bird Rule Information Sheet for Determination of 									
		Jurisdiction.	a 0 y 5 1111	The contriguence of the contribution of the					
		SDICTIONAL DETERMIN							
				vigable waters of the United States":					
		The presence of waters that are subject to the ebb and flow of the tide and/or are presently used, or have been used in							
	the past,	or may be susceptible for use	to transpo	rt interstate or foreign commerce.					
В.	Waters (defined under 33 CFR part	328 3(a) a	s "waters of the United States":					
		(1) The presence of waters, which are currently used, or were used in the past, or may be susceptible to use in interstate or foreign commerce, including all waters which are subject to the ebb and flow of the tide.							
		presence of interstate waters in							
Ħ									
_		(3) The presence of other waters such as intrastate lakes, rivers, streams (including intermittent streams), mudflats, sandflats, wetlands, sloughs, prairie potholes, wet meadows, playa lakes, or natural ponds, the use, degradation or							
				nerce including any such waters (check all that apply):					
				or foreign travelers for recreational or other purposes.					
		(ii) from which fish or shellfish are or could be taken and sold in interstate or foreign commerce.							
		(iii) which are or could be used for industrial purposes by industries in interstate commerce.							
		undments of waters otherwise							
$\overline{\boxtimes}$	(5) The presence of a tributary to a water identified in $(1) - (4)$ above.								
	(6) The p	(6) The presence of territorial seas.							
			2 to other v	vaters of the US, except for those wetlands adjacent to other wetlands.					

Lat ⊠	eral Extent of Jurisdiction: (Reference: 33 CFR parts 328 and 329) Ordinary High Water Mark indicated by: ☐ clear, natural line impressed on the bank ☐ the presence of litter and debris ☐ changes in the character of soil ☐ destruction of terrestrial vegetation ☐ shelving ☐ other: ☐ High Tide Line indicated by: ☐ oil or scum line along shore objects ☐ fine shell or debris deposits (foreshore) ☐ physical markings/characteristics ☐ tidal gages ☐ other:
	Mean High Water Mark indicated by: ☐ survey to available datum; ☐ physical markings; ☐ vegetation lines/changes in vegetation types.
	Wetland boundaries, as shown on the attached wetland delineation map and/or in a delineation report prepared by:
Bas	The reviewed area consists entirely of uplands. Unable to confirm the presence of waters in 33 CFR part 328(a)(1, 2, or 4-7). Headquarters declined to approve jurisdiction on the basis of 33 CFR part 328.3(a)(3). The Corps has made a case-specific determination that the following waters present on the site are not Waters of the United States: Waste treatment systems, including treatment ponds or lagoons, pursuant to 33 CFR part 328.3. Artificially irrigated areas, which would revert to upland if the irrigation ceased. Artificial lakes and ponds created by excavating and/or diking dry land to collect and retain water and which are used exclusively for such purposes as stock watering, irrigation, settling basins, or rice growing. Artificial reflecting or swimming pools or other small ornamental bodies of water created by excavating and/or diking dry land to retain water for primarily aesthetic reasons. Water-filled depressions created in dry land incidental to construction activity and pits excavated in dry land for the purpose of obtaining fill, sand, or gravel unless and until the construction or excavation operation is abandoned and the resulting body of water meets the definition of waters of the United States found at 33 CFR 328.3(a). Isolated, intrastate wetland with no nexus to interstate commerce. Prior converted cropland, as determined by the Natural Resources Conservation Service. Explain rationale: Non-tidal drainage or irrigation ditches excavated on dry land. Explain rationale: Other (explain):
DATA I	REVIEWED FOR JURSIDICTIONAL DETERMINATION (mark all that apply): Maps, plans, plots or plat submitted by or on behalf of the applicant. Data sheets prepared/submitted by or on behalf of the applicant. This office concurs with the delineation report, dated , prepared by (company): This office does not concur with the delineation report, dated , prepared by (company): Data sheets prepared by the Corps. Corps' navigable waters' studies: U.S. Geological Survey Hydrologic Atlas: U.S. Geological Survey Hydrologic Atlas: U.S. Geological Survey 7.5 Minute Topographic maps: Wear Cove Quad U.S. Geological Survey 15 Minute Historic quadrangles: U.S. Geological Survey 15 Minute Historic quadrangles: U.S. Datural Resources Conservation Service Soil Survey: National wetlands inventory maps: State/Local wetland inventory maps: FEMA/FIRM maps (Map Name & Date): 100-year Floodplain Elevation is: (NGVD) Aerial Photographs (Name & Date): ERFO GIS, Date Unknown Other photographs (Date): photos supplied in application dated 8/19/2004 Advanced Identification Wetland maps: Site visit/determination conducted on: Applicable/supporting case law: Other information (please specify):

¹Wetlands are identified and delineated using the methods and criteria established in the Corps Wetland Delineation Manual (87 Manual) (i.e., occurrence of hydrophytic vegetation, hydric soils and wetland hydrology).

²The term "adjacent" means bordering, contiguous, or neighboring. Wetlands separated from other waters of the U.S. by man-made dikes or barriers, natural river berms, beach dunes, and the like are also adjacent.

U.S. Army Corps of Engineers

DISTRICT OFFICE: Nashville **FILE NUMBER:** 2004-01606

		TION IN	FORMATION	:		
		TN				
		Grainger				
			te (latitude/long		N 36 12 25.4 W 83	27 51.8
					ng uplands: 10 acres.	
			ay: Holston Riv			
Na	ame of water	shed:	HUC #0601010	04		
JURIS	DICTIONA	L DETE	RMINATION			
			determination	\boxtimes	Date: 20 September	r 2004
	_	Site visit		Ħ	Date(s):	
		Dite visit	(5)	_	Bute(b).	
Ju	risdictional	Determi	nation (JD):			
	United Sta	ates" and				be (or) \square there appear to be no "waters of the project site. A preliminary JD is not appealable
\boxtimes	Approved Check all			an appealat	ele action (Reference 3	3 CFR part 331).
					States" (as defined by 3 ctional area: 750 feet of	33 CFR part 329 and associated guidance) within of shoreline.
			ers of the United proximate size of			art 328 and associated guidance) within the
	☐ There	are "isol				s" within the reviewed area. d Rule Information Sheet for Determination of No
BASIS	OF JURISI	DICTION	NAL DETERM	INATION:		
A.	Waters d	efined un nce of wa	nder 33 CFR pa ters that are sub	art 329 as " ject to the e	navigable waters of tl	e and/or are presently used, or have been used in
B. ⊠	(1) The pr	resence of	waters, which	are currently		the past, or may be susceptible to use in
					aters which are subject interstate wetlands ¹ .	et to the ebb and flow of the tide.
	(3) The present sandflats, destruction (i) when (ii) fresh	resence of wetlands n of which hich are of rom which	other waters su , sloughs, prairio h could affect in or could be used n fish or shellfis	ich as intras e potholes, v nterstate con by interstat h are or cou	tate lakes, rivers, strean wet meadows, playa lal nmerce including any se or foreign travelers for ld be taken and sold in	ms (including intermittent streams), mudflats, kes, or natural ponds, the use, degradation or such waters (check all that apply): or recreational or other purposes. a interstate or foreign commerce. ries in interstate commerce.
	(5) The pr (6) The pr	esence of esence of	f a tributary to a f territorial seas.	water ident	as waters of the US. iffied in $(1) - (4)$ above waters of the US, exc	e. The ept for those wetlands adjacent to other wetlands

	Ordinary High Water Mark indicated by: Clear, natural line impressed on the bank Changes in the character of soil Cestruction of terrestrial vegetation Shelving Ordinary High Water Mark indicated by: High Tide Line indicated by: Gil or scum line along shore objects fine shell or debris deposits (foreshore) physical markings/characteristics tidal gages other: Other: Normal Summer Pool of Cherokee Lake, as established by the TVA
	Mean High Water Mark indicated by: ☐ survey to available datum; ☐ physical markings; ☐ vegetation lines/changes in vegetation types.
	Wetland boundaries, as shown on the attached wetland delineation map and/or in a delineation report prepared by:
Bas	The reviewed area consists entirely of uplands. Unable to confirm the presence of waters in 33 CFR part 328(a)(1, 2, or 4-7). Headquarters declined to approve jurisdiction on the basis of 33 CFR part 328.3(a)(3). The Corps has made a case-specific determination that the following waters present on the site are not Waters of the United States: Waste treatment systems, including treatment ponds or lagoons, pursuant to 33 CFR part 328.3. Artificially irrigated areas, which would revert to upland if the irrigation ceased. Artificial lakes and ponds created by excavating and/or diking dry land to collect and retain water and which are used exclusively for such purposes as stock watering, irrigation, settling basins, or rice growing. Artificial reflecting or swimming pools or other small ornamental bodies of water created by excavating and/or diking dry land to retain water for primarily aesthetic reasons. Water-filled depressions created in dry land incidental to construction activity and pits excavated in dry land for the purpose of obtaining fill, sand, or gravel unless and until the construction or excavation operation is abandoned and the resulting body of water meets the definition of waters of the United States found at 33 CFR 328.3(a). Isolated, intrastate wetland with no nexus to interstate commerce. Prior converted cropland, as determined by the Natural Resources Conservation Service. Explain rationale: Non-tidal drainage or irrigation ditches excavated on dry land. Explain rationale:
DATA H	Cother (explain): REVIEWED FOR JURSIDICTIONAL DETERMINATION (mark all that apply): Maps, plans, plots or plat submitted by or on behalf of the applicant. Data sheets prepared/submitted by or on behalf of the applicant. □ This office concurs with the delineation report, dated , prepared by (company): □ This office does not concur with the delineation report, dated , prepared by (company): Data sheets prepared by the Corps. Corps' navigable waters' studies: U.S. Geological Survey Hydrologic Atlas: U.S. Geological Survey 7.5 Minute Topographic maps: Talbott Quad U.S. Geological Survey 7.5 Minute Historic quadrangles: U.S. Geological Survey 15 Minute Historic quadrangles: U.S. Acological Survey 15 Minute Historic quadrangles: USDA Natural Resources Conservation Service Soil Survey: National wetlands inventory maps: State/Local wetland inventory maps: FEMA/FIRM maps (Map Name & Date): 100-year Floodplain Elevation is: (NGVD) Aerial Photographs (Date): Advanced Identification Wetland maps: Site visit/determination conducted on: Applicable/supporting case law: Other information (please specify):

¹Wetlands are identified and delineated using the methods and criteria established in the Corps Wetland Delineation Manual (87 Manual) (i.e., occurrence of hydrophytic vegetation, hydric soils and wetland hydrology).

²The term "adjacent" means bordering, contiguous, or neighboring. Wetlands separated from other waters of the U.S. by man-made dikes or barriers, natural river berms, beach dunes, and the like are also adjacent.

U.S. Army Corps of Engineers

DISTRICT OFFICE: Nashville FILE NUMBER: 200401542

PROJECT LOCATION INFORMATION: State: Tennessee Macon County: Center coordinates of site (latitude/longitude): 36-26-19 / 85-58-47 Approximate size of area (parcel) reviewed, including uplands: 0 acres. Name of nearest waterway: Dixon Creek and Little Peyton Creek Name of watershed: Cumberland River JURISDICTIONAL DETERMINATION **Completed:** Desktop determination Date: 9/20/04 Site visit(s) Date(s): **Jurisdictional Determination (JD):** Preliminary JD - Based on available information, there appear to be (or) there appear to be no "waters of the United States" and/or "navigable waters of the United States" on the project site. A preliminary JD is not appealable (Reference 33 CFR part 331). Approved JD – An approved JD is an appealable action (Reference 33 CFR part 331). Check all that apply: There are "navigable waters of the United States" (as defined by 33 CFR part 329 and associated guidance) within the reviewed area. Approximate size of jurisdictional area: ☑ There are "waters of the United States" (as defined by 33 CFR part 328 and associated guidance) within the reviewed area. Approximate size of jurisdictional area: There are "isolated, non-navigable, intra-state waters or wetlands" within the reviewed area. Decision supported by SWANCC/Migratory Bird Rule Information Sheet for Determination of No Jurisdiction. BASIS OF JURISDICTIONAL DETERMINATION: A. Waters defined under 33 CFR part 329 as "navigable waters of the United States": The presence of waters that are subject to the ebb and flow of the tide and/or are presently used, or have been used in the past, or may be susceptible for use to transport interstate or foreign commerce. B. Waters defined under 33 CFR part 328.3(a) as "waters of the United States": (1) The presence of waters, which are currently used, or were used in the past, or may be susceptible to use in interstate or foreign commerce, including all waters which are subject to the ebb and flow of the tide. (2) The presence of interstate waters including interstate wetlands¹. (3) The presence of other waters such as intrastate lakes, rivers, streams (including intermittent streams), mudflats, sandflats, wetlands, sloughs, prairie potholes, wet meadows, playa lakes, or natural ponds, the use, degradation or destruction of which could affect interstate commerce including any such waters (check all that apply): (i) which are or could be used by interstate or foreign travelers for recreational or other purposes. (ii) from which fish or shellfish are or could be taken and sold in interstate or foreign commerce. (iii) which are or could be used for industrial purposes by industries in interstate commerce. (4) Impoundments of waters otherwise defined as waters of the US. (5) The presence of a tributary to a water identified in (1) - (4) above. (6) The presence of territorial seas.

Rationale for the Basis of Jurisdictional Determination (applies to any boxes checked above). If the jurisdictional water or wetland is not itself a navigable water of the United States, describe connection(s) to the downstream navigable waters. If B(1) or B(3) is used as the Basis of Jurisdiction, document navigability and/or interstate commerce connection (i.e., discuss site conditions, including why the waterbody is navigable and/or how the destruction of the waterbody could affect interstate or foreign commerce). If B(2, 4, 5 or 6) is used as the Basis of Jurisdiction, document the rationale used to make the determination. If B(7) is used as the Basis of Jurisdiction, document the rationale used to make adiacency determination:

(7) The presence of wetlands adjacent² to other waters of the US, except for those wetlands adjacent to other wetlands.

The streams where crossings occur flow into the Cumberland River.

	teral Extent of Jurisdiction: (Reference: 33 CFR parts 328 and 329) Ordinary High Water Mark indicated by: □ clear, natural line impressed on the bank □ the presence of litter and debris □ changes in the character of soil □ destruction of terrestrial vegetation □ shelving □ other: □ High Tide Line indicated by: □ oil or scum line along shore objects □ fine shell or debris deposits (foreshore) □ physical markings/characteristics □ tidal gages □ other:	ı
	Mean High Water Mark indicated by: ☐ survey to available datum; ☐ physical markings; ☐ vegetation lines/changes in vegetation types.	
	Wetland boundaries, as shown on the attached wetland delineation map and/or in a delineation report prepare	ed by:
Bas	The reviewed area consists entirely of uplands. Unable to confirm the presence of waters in 33 CFR part 328(a)(1, 2, or 4-7). Headquarters declined to approve jurisdiction on the basis of 33 CFR part 328.3(a)(3). The Corps has made a case-specific determination that the following waters present on the site are not Water United States: Waste treatment systems, including treatment ponds or lagoons, pursuant to 33 CFR part 328.3. Artificially irrigated areas, which would revert to upland if the irrigation ceased. Artificial lakes and ponds created by excavating and/or diking dry land to collect and retain water and which are used exclusively for such purposes as stock watering, irrigation, settling be rice growing. Artificial reflecting or swimming pools or other small ornamental bodies of water created by excavating and/or diking dry land to retain water for primarily aesthetic reasons. Water-filled depressions created in dry land incidental to construction activity and pits excavated in d the purpose of obtaining fill, sand, or gravel unless and until the construction or excavation operation abandoned and the resulting body of water meets the definition of waters of the United States found a 328.3(a). Isolated, intrastate wetland with no nexus to interstate commerce. Prior converted cropland, as determined by the Natural Resources Conservation Service. Explain ratio	asins, or lry land for is at 33 CFR
	Non-tidal drainage or irrigation ditches excavated on dry land. Explain rationale:○ Other (explain):	
DATA F	Maps, plans, plots or plat submitted by or on behalf of the applicant. Data sheets prepared/submitted by or on behalf of the applicant. This office concurs with the delineation report, dated , prepared by (company): This office does not concur with the delineation report, dated , prepared by (company): Data sheets prepared by the Corps. Corps' navigable waters' studies: U.S. Geological Survey Hydrologic Atlas: U.S. Geological Survey 7.5 Minute Topographic maps: U.S. Geological Survey 7.5 Minute Historic quadrangles: U.S. Geological Survey 15 Minute Historic quadrangles: U.S. A Natural Resources Conservation Service Soil Survey: National wetlands inventory maps: State/Local wetland inventory maps:	
	FEMA/FIRM maps (Map Name & Date): 100-year Floodplain Elevation is: (NGVD) Aerial Photographs (Name & Date): Other photographs (Date): Advanced Identification Wetland maps: Site visit/determination conducted on: Applicable/supporting case law: Other information (please specify):	⁻ dg

¹Wetlands are identified and delineated using the methods and criteria established in the Corps Wetland Delineation Manual (87 Manual) (i.e., occurrence of hydrophytic vegetation, hydric soils and wetland hydrology).

 $^{^{2}}$ The term "adjacent" means bordering, contiguous, or neighboring. Wetlands separated from other waters of the U.S. by man-made dikes or barriers, natural river berms, beach dunes, and the like are also adjacent.

U.S. Army Corps of Engineers

DISTRICT OFFICE: Nashville **FILE NUMBER:** 2004-01460

(6) The presence of territorial seas.

FILE N	UMBER: 2004-01460
Star Cot Cer App Nar	te: TN unty: Williamson ter coordinates of site (latitude/longitude): 35 55 02N 86 47 28 W proximate size of area (parcel) reviewed, including uplands: 20 acres. me of nearest waterway: Unnamed tributary to Watson Branch me of watershed: Harpeth River
	DICTIONAL DETERMINATION mpleted: Desktop determination
Jur	risdictional Determination (JD):
	Preliminary JD - Based on available information, \square <i>there appear to be</i> (or) \square <i>there appear to be no</i> "waters of the United States" and/or "navigable waters of the United States" on the project site. A preliminary JD is not appealable (Reference 33 CFR part 331).
\boxtimes	Approved JD – An approved JD is an appealable action (Reference 33 CFR part 331). Check all that apply:
	There are "navigable waters of the United States" (as defined by 33 CFR part 329 and associated guidance) within the reviewed area. Approximate size of jurisdictional area:
	Matter There are "waters of the United States" (as defined by 33 CFR part 328 and associated guidance) within the reviewed area. Approximate size of jurisdictional area: .50 acre.
	There are "isolated, non-navigable, intra-state waters or wetlands" within the reviewed area. Decision supported by SWANCC/Migratory Bird Rule Information Sheet for Determination of No Jurisdiction.
BASIS (OF JURISDICTIONAL DETERMINATION:
A.	Waters defined under 33 CFR part 329 as "navigable waters of the United States": The presence of waters that are subject to the ebb and flow of the tide and/or are presently used, or have been used in the past, or may be susceptible for use to transport interstate or foreign commerce.
B. □	Waters defined under 33 CFR part 328.3(a) as "waters of the United States": (1) The presence of waters, which are currently used, or were used in the past, or may be susceptible to use in interstate or foreign commerce, including all waters which are subject to the ebb and flow of the tide.
	 (2) The presence of interstate waters including interstate wetlands¹. (3) The presence of other waters such as intrastate lakes, rivers, streams (including intermittent streams), mudflats, sandflats, wetlands, sloughs, prairie potholes, wet meadows, playa lakes, or natural ponds, the use, degradation or destruction of which could affect interstate commerce including any such waters (check all that apply): (i) which are or could be used by interstate or foreign travelers for recreational or other purposes. (ii) from which fish or shellfish are or could be taken and sold in interstate or foreign commerce. (iii) which are or could be used for industrial purposes by industries in interstate commerce. (4) Impoundments of waters otherwise defined as waters of the US.
\bowtie	(4) Impoundments of waters otherwise defined as waters of the cos. (5) The presence of a tributary to a water identified in (1) – (4) above.

Rationale for the Basis of Jurisdictional Determination (applies to any boxes checked above). If the jurisdictional water or wetland is not itself a navigable water of the United States, describe connection(s) to the downstream navigable waters. If B(1) or B(3) is used as the Basis of Jurisdiction, document navigability and/or interstate commerce connection (i.e., discuss site conditions, including why the waterbody is navigable and/or how the destruction of the waterbody could affect interstate or foreign commerce). If B(2, 4, 5 or 6) is used as the Basis of Jurisdiction, document the rationale used to make the determination. If B(7) is used as the Basis of Jurisdiction, document the rationale used to make adjacency determination:

(7) The presence of wetlands adjacent² to other waters of the US, except for those wetlands adjacent to other wetlands.

Lat ⊠	eral Extent of Jurisdiction: (Reference: 33 CFR parts 328 and 329) Ordinary High Water Mark indicated by: ☐ clear, natural line impressed on the bank ☐ the presence of litter and debris ☐ changes in the character of soil ☐ destruction of terrestrial vegetation ☐ shelving ☐ other: ☐ other: ☐ High Tide Line indicated by: ☐ oil or scum line along shore objects ☐ fine shell or debris deposits (foreshore) ☐ physical markings/characteristics ☐ tidal gages ☐ other:
	Mean High Water Mark indicated by: ☐ survey to available datum; ☐ physical markings; ☐ vegetation lines/changes in vegetation types.
	Wetland boundaries, as shown on the attached wetland delineation map and/or in a delineation report prepared by: Delineation map not complete at this time.
Bas	The reviewed area consists entirely of uplands. Unable to confirm the presence of waters in 33 CFR part 328(a)(1, 2, or 4-7). Headquarters declined to approve jurisdiction on the basis of 33 CFR part 328.3(a)(3). The Corps has made a case-specific determination that the following waters present on the site are not Waters of the United States: Waste treatment systems, including treatment ponds or lagoons, pursuant to 33 CFR part 328.3. Artificially irrigated areas, which would revert to upland if the irrigation ceased. Artificial lakes and ponds created by excavating and/or diking dry land to collect and retain water and which are used exclusively for such purposes as stock watering, irrigation, settling basins, or rice growing. Artificial reflecting or swimming pools or other small ornamental bodies of water created by excavating and/or diking dry land to retain water for primarily aesthetic reasons. Water-filled depressions created in dry land incidental to construction activity and pits excavated in dry land for the purpose of obtaining fill, sand, or gravel unless and until the construction or excavation operation is abandoned and the resulting body of water meets the definition of waters of the United States found at 33 CFR 328.3(a). Isolated, intrastate wetland with no nexus to interstate commerce. Prior converted cropland, as determined by the Natural Resources Conservation Service. Explain rationale: Non-tidal drainage or irrigation ditches excavated on dry land. Explain rationale: Other (explain):
DATA I	Maps, plans, plots or plat submitted by or on behalf of the applicant. Data sheets prepared/submitted by or on behalf of the applicant. This office concurs with the delineation report, dated , prepared by (company): This office does not concur with the delineation report, dated , prepared by (company): Data sheets prepared by the Corps. Corps' navigable waters' studies: U.S. Geological Survey Hydrologic Atlas: U.S. Geological Survey 7.5 Minute Topographic maps: U.S. Geological Survey 7.5 Minute Historic quadrangles: U.S. Geological Survey 15 Minute Historic quadrangles: U.S. Geological Survey 15 Minute Historic quadrangles: U.S. Autural Resources Conservation Service Soil Survey: National wetlands inventory maps: State/Local wetland inventory maps: FEMA/FIRM maps (Map Name & Date): 100-year Floodplain Elevation is: (NGVD) Aerial Photographs (Name & Date): Other photographs (Date): Advanced Identification Wetland maps: Site visit/determination conducted on: 23 August 2004 Applicable/supporting case law: Other information (please specify):

¹Wetlands are identified and delineated using the methods and criteria established in the Corps Wetland Delineation Manual (87 Manual) (i.e., occurrence of hydrophytic vegetation, hydric soils and wetland hydrology).

²The term "adjacent" means bordering, contiguous, or neighboring. Wetlands separated from other waters of the U.S. by man-made dikes or barriers, natural river berms, beach dunes, and the like are also adjacent.

Revised 8/13/04

JURISDICTIONAL DETERMINATION

U.S. Army Corps of Engineers

DISTRICT OFFICE: CELRN **FILE NUMBER:** 2004-01775

PROJE	CT LOCA	TION IN	FORMATION:		
Sta	te:	TN			
Co	unty:	Blount			
			te (latitude/longitud		N 35 50 31.38/ W 84 05 39.41
Ap	proximate	size of are	a (parcel) reviewed	, including	uplands: 0.25 acres.
Na	me of near	est waterw	ay: Tennessee Rive	er	
Na	me of wate	rshed:	HUC 06010201		
			RMINATION	_	
Co	mpleted:	Desktop	determination	\boxtimes	Date: Sept 16, 2004
		Site visite	(s)		Date(s):
Ju			nation (JD):		_
	United S	tates" and			, ☐ there appear to be (or) ☐ there appear to be no "waters of the nited States" on the project site. A preliminary JD is not appealable
		d JD – An l that apply		appealable	action (Reference 33 CFR part 331).
					ates" (as defined by 33 CFR part 329 and associated guidance) within ional area: 250-linear feet.
			ers of the United Sta proximate size of ju		lefined by 33 CFR part 328 and associated guidance) within the al area:
	☐ There	e are "isolo			te waters or wetlands" within the reviewed area. NCC/Migratory Bird Rule Information Sheet for Determination of No
RASIS	OF JURIS	DICTION	NAL DETERMINA	ATION:	
					vigable waters of the United States":
	The prese	ence of wa	ters that are subject	to the ebb	o and flow of the tide and/or are presently used, or have been used in rt interstate or foreign commerce.
В.	Waters	defined un	nder 33 CFR part 3	328.3(a) as	s "waters of the United States":
					ised, or were used in the past, or may be susceptible to use in
	interstate	or foreign	n commerce, includi	ing all wat	ers which are subject to the ebb and flow of the tide.
	(2) The p	resence of	f interstate waters in	cluding in	iterstate wetlands ¹ .
	(3) The p	resence of	f other waters such	as intrastat	e lakes, rivers, streams (including intermittent streams), mudflats,
	sandflats	, wetlands	, sloughs, prairie po	tholes, we	t meadows, playa lakes, or natural ponds, the use, degradation or
	destruction	on of whic	ch could affect inter	state comn	nerce including any such waters (check all that apply):
					or foreign travelers for recreational or other purposes.
					be taken and sold in interstate or foreign commerce.
_					l purposes by industries in interstate commerce.
			of waters otherwise		
	-		-	ter identifi	ed in (1) – (4) above.
			f territorial seas.		
	(7) The p	resence of	t wetlands adjacent	to other w	vaters of the US, except for those wetlands adjacent to other wetlands.

Lat ⊠	Ordinary High Water Mark indicated by: Clear, natural line impressed on the bank the presence of litter and debris changes in the character of soil destruction of terrestrial vegetation shelving other: normal summer pool Ft. Loudoun Lake High Tide Line indicated by: did or scum line along shore objects fine shell or debris deposits (foreshore) physical markings/characteristics tidal gages other:
	Mean High Water Mark indicated by: ☐ survey to available datum; ☐ physical markings; ☐ vegetation lines/changes in vegetation types.
	Wetland boundaries, as shown on the attached wetland delineation map and/or in a delineation report prepared by:
Bas	The reviewed area consists entirely of uplands. Unable to confirm the presence of waters in 33 CFR part 328(a)(1, 2, or 4-7). Headquarters declined to approve jurisdiction on the basis of 33 CFR part 328.3(a)(3). The Corps has made a case-specific determination that the following waters present on the site are not Waters of the United States: Waste treatment systems, including treatment ponds or lagoons, pursuant to 33 CFR part 328.3. Artificially irrigated areas, which would revert to upland if the irrigation ceased. Artificial lakes and ponds created by excavating and/or diking dry land to collect and retain water and which are used exclusively for such purposes as stock watering, irrigation, settling basins, or rice growing. Artificial reflecting or swimming pools or other small ornamental bodies of water created by excavating and/or diking dry land to retain water for primarily aesthetic reasons. Water-filled depressions created in dry land incidental to construction activity and pits excavated in dry land for the purpose of obtaining fill, sand, or gravel unless and until the construction or excavation operation is abandoned and the resulting body of water meets the definition of waters of the United States found at 33 CFR 328.3(a). Isolated, intrastate wetland with no nexus to interstate commerce. Prior converted cropland, as determined by the Natural Resources Conservation Service. Explain rationale: Non-tidal drainage or irrigation ditches excavated on dry land. Explain rationale: Other (explain):
DATA F	REVIEWED FOR JURSIDICTIONAL DETERMINATION (mark all that apply): Maps, plans, plots or plat submitted by or on behalf of the applicant. Data sheets prepared/submitted by or on behalf of the applicant. This office concurs with the delineation report, dated , prepared by (company): This office does not concur with the delineation report, dated , prepared by (company): Data sheets prepared by the Corps. Corps' navigable waters' studies: U.S. Geological Survey Hydrologic Atlas: U.S. Geological Survey T.5 Minute Topographic maps: Louisville U.S. Geological Survey 15 Minute Historic quadrangles: U.S. Geological Survey 16 Minute Histor

¹Wetlands are identified and delineated using the methods and criteria established in the Corps Wetland Delineation Manual (87 Manual) (i.e., occurrence of hydrophytic vegetation, hydric soils and wetland hydrology).

²The term "adjacent" means bordering, contiguous, or neighboring. Wetlands separated from other waters of the U.S. by man-made dikes or barriers, natural river berms, beach dunes, and the like are also adjacent.

	ordinary High Water Mark indicated by: clear, natural line impressed on the bank the presence of litter and debris changes in the character of soil destruction of terrestrial vegetation shelving other: Normal Summer Pool Elevation as defined by the TVA High Tide Line indicated by: High Tide Line indicated by: oil or scum line along shore objects fine shell or debris deposits (foreshore) physical markings/characteristics tidal gages other:
	Mean High Water Mark indicated by: ☐ survey to available datum; ☐ physical markings; ☐ vegetation lines/changes in vegetation types.
	Wetland boundaries, as shown on the attached wetland delineation map and/or in a delineation report prepared by:
Bas	The reviewed area consists entirely of uplands. Unable to confirm the presence of waters in 33 CFR part 328(a)(1, 2, or 4-7). Headquarters declined to approve jurisdiction on the basis of 33 CFR part 328.3(a)(3). The Corps has made a case-specific determination that the following waters present on the site are not Waters of the United States: Waste treatment systems, including treatment ponds or lagoons, pursuant to 33 CFR part 328.3. Artificially irrigated areas, which would revert to upland if the irrigation ceased. Artificial lakes and ponds created by excavating and/or diking dry land to collect and retain water and which are used exclusively for such purposes as stock watering, irrigation, settling basins, or rice growing. Artificial reflecting or swimming pools or other small ornamental bodies of water created by excavating and/or diking dry land to retain water for primarily aesthetic reasons. Water-filled depressions created in dry land incidental to construction activity and pits excavated in dry land for the purpose of obtaining fill, sand, or gravel unless and until the construction or excavation operation is abandoned and the resulting body of water meets the definition of waters of the United States found at 33 CFR 328.3(a). Isolated, intrastate wetland with no nexus to interstate commerce. Prior converted cropland, as determined by the Natural Resources Conservation Service. Explain rationale: Non-tidal drainage or irrigation ditches excavated on dry land. Explain rationale: Other (explain):
DATA I	REVIEWED FOR JURSIDICTIONAL DETERMINATION (mark all that apply): Maps, plans, plots or plat submitted by or on behalf of the applicant. Data sheets prepared/submitted by or on behalf of the applicant. This office concurs with the delineation report, dated , prepared by (company): This office does not concur with the delineation report, dated , prepared by (company): Data sheets prepared by the Corps. Corps' navigable waters' studies: U.S. Geological Survey Hydrologic Atlas: U.S. Geological Survey Hydrologic Atlas: U.S. Geological Survey 7.5 Minute Topographic maps: Bean Station Quad U.S. Geological Survey 15 Minute Historic quadrangles: U.S. Geological Survey 15 Minute Historic quadrangles: U.S. Datural Resources Conservation Service Soil Survey: National wetlands inventory maps: State/Local wetland inventory maps: FEMA/FIRM maps (Map Name & Date): 100-year Floodplain Elevation is: (NGVD) Aerial Photographs (Name & Date): Other photographs (Date): Advanced Identification Wetland maps: Site visit/determination conducted on: Applicable/supporting case law: Other information (please specify):

¹Wetlands are identified and delineated using the methods and criteria established in the Corps Wetland Delineation Manual (87 Manual) (i.e., occurrence of hydrophytic vegetation, hydric soils and wetland hydrology).

²The term "adjacent" means bordering, contiguous, or neighboring. Wetlands separated from other waters of the U.S. by man-made dikes or barriers, natural river berms, beach dunes, and the like are also adjacent.